

10/766,691

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(FILE 'HOME' ENTERED AT 08:46:27 ON 06 MAY 2005)

FILE 'MEDLINE, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH, HCAPLUS, NTIS, LIFESCI' ENTERED AT 08:47:01 ON 06 MAY 2005

L1 1313585 S KINASE?
L2 26053 S HUMAN (4W)L1
L3 7058001 S CLON? OR EXPRESS? OR RECOMBINANT
L4 12549 S L2 AND L3
L5 3605752 S PITUITARY OR PROSTATE OR BRAIN OR ADRENAL(A)GLAND
L6 2424206 S SPLEEN OR TRACHEA OR KIDNEY OR TESTIS
L7 1301 S L4 AND L6
L8 1820 S L4 AND L5
L9 2585 S L7 OR L8
L10 16480 S HUMAN (2W)L1
L11 1679 S L9 AND L10
L12 434445 S SERINE OR THREONINE
L13 320 S L11 AND L12
L14 195 DUP REM L13 (125 DUPLICATES REMOVED)
E DONOHO G/AU
L15 156 S E3-E9
E TURNER C A/AU
L16 294 S E3-E9
E NEHLS M C/AU
L17 199 S E3-E8
E FRIEDRICH G/AU
L18 872 S E3
E ZAMBROWICZ B/AU
L19 375 S E3-E8
E SANDS A T/AU
L20 145 S E3
L21 1676 S L15 OR L16 OR L17 OR L18 OR L19 OR L20
L22 4 S L14 AND L21
L23 4 DUP REM L22 (0 DUPLICATES REMOVED)
L24 7 S L11 AND L21
L25 7 DUP REM L24 (0 DUPLICATES REMOVED)

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data from INPADOC
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NEWS 10 MAR 22 KOREAPAT now updated monthly; patent information enhanced
NEWS 11 MAR 22 Original IDE display format returns to REGISTRY/ZREGISTRY
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NEWS 13 MAR 22 REGISTRY/ZREGISTRY enhanced with experimental property tags
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fields
NEWS 15 APR 04 EMBASE - Database reloaded and enhanced
NEWS 16 APR 18 New CAS Information Use Policies available online
NEWS 17 APR 25 Patent searching, including current-awareness alerts (SDIs),
based on application date in CA/CAPLUS and USPATFULL/USPAT2
may be affected by a change in filing date for U.S.
applications.
NEWS 18 APR 28 Improved searching of U.S. Patent Classifications for
U.S. patent records in CA/CAPLUS

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	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

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FILE 'LIFESCI' ENTERED AT 08:47:01 ON 06 MAY 2005
COPYRIGHT (C) 2005 Cambridge Scientific Abstracts (CSA)

=> s kinase?

L1 1313585 KINASE?

=> s human (4w)l1

L2 26053 HUMAN (4W) L1

=> s clon? or express? or recombinant

5 FILES SEARCHED...

L3 7058001 CLON? OR EXPRESS? OR RECOMBINANT

=> s l2 and l3

L4 12549 L2 AND L3

=> s pituitary or prostate or brain or adrenal(a)gland

L5 3605752 PITUITARY OR PROSTATE OR BRAIN OR ADRENAL(A) GLAND

=> s spleen or trachea or kidney or testis

L6 2424206 SPLEEN OR TRACHEA OR KIDNEY OR TESTIS

=> s l4 and l6

L7 1301 L4 AND L6

=> s l4 and l5

L8 1820 L4 AND L5

=> s l7 or l8

L9 2585 L7 OR L8

=> s human (2w)l1
L10 16480 HUMAN (2W) L1

=> s 19 and l10
L11 1679 L9 AND L10

=> s serine or threonine
L12 434445 SERINE OR THREONINE

=> s l11 and l12
L13 320 L11 AND L12

=> dup rem l13
PROCESSING COMPLETED FOR L13
L14 195 DUP REM L13 (125 DUPLICATES REMOVED)

=> d 1-195 ibib

L14 ANSWER 1 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2005:121193 HCAPLUS
DOCUMENT NUMBER: 142:214836
TITLE: Biomarkers of cyclin-dependent kinase modulation in cancer therapy
INVENTOR(S): Li, Martha; Rupnow, Brent A.; Webster, Kevin R.; Jackson, Donald G.; Wong, Tai W.
PATENT ASSIGNEE(S): Bristol-Myers Squibb Company, USA
SOURCE: PCT Int. Appl., 141 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005012875	A2	20050210	WO 2004-US24424	20040729
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

PRIORITY APPLN. INFO.: US 2003-490890P P 20030729

L14 ANSWER 2 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2005:34707 HCAPLUS
DOCUMENT NUMBER: 142:128580
TITLE: Prognosis determination in Ewing sarcoma patients by genetic profiling
INVENTOR(S): Avigad, Smadar; Yaniv, Isaac; Zaizov, Rina; Ohali, Anat
PATENT ASSIGNEE(S): Mor Research Applications Ltd., Israel
SOURCE: PCT Int. Appl., 58 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005002414	A2	20050113	WO 2004-IL578	20040630
WO 2005002414	A3	20050310		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 2003-483626P P 20030701

L14 ANSWER 3 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2005:160724 HCAPLUS

DOCUMENT NUMBER: 142:259424

TITLE: Gene **expression** profiles and biomarkers for the detection of asthma-related and other disease-related gene transcripts in blood

INVENTOR(S): Liew, Choong-Chin

PATENT ASSIGNEE(S): Chondrogene Limited, Can.

SOURCE: U.S. Pat. Appl. Publ., 156 pp., Cont.-in-part of U.S. Ser. No. 802,875.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 42

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2005042630	A1	20050224	US 2004-816357	20040401
US 2004014059	A1	20040122	US 2002-268730	20021009
US 2004248169	A1	20041209	US 2004-812737	20040330
US 2004265869	A1	20041230	US 2004-812716	20040330
US 2005042630	A1	20050224	US 2004-816357	20040401
US 2005042630	A1	20050224	US 2004-816357	20040401
WO 2004112589	A2	20041229	WO 2004-US20836	20040621

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 1999-115125P P 19990106
US 2000-477148 B1 20000104
US 2002-268730 A2 20021009
US 2003-601518 A2 20030620
US 2004-802875 A2 20040312
US 2001-271955P P 20010228
US 2001-275017P P 20010312
US 2001-305340P P 20010713
US 2002-85783 A2 20020228

US 2004-809675 A 20040325
US 2004-816357 A 20040401

L14 ANSWER 4 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2005:338770 HCAPLUS

DOCUMENT NUMBER: 142:369838

TITLE: **Cloning**, sequence, **expression** and
therapeutic and diagnostic use of **human**
serine threonine kinase
family member h2520-59

INVENTOR(S): Boylan, John F.; Bowers, Alex J.

PATENT ASSIGNEE(S): Amgen Inc., USA

SOURCE: U.S., 45 pp.

CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6881542	B1	20050419	US 2001-909474	20010719
PRIORITY APPLN. INFO.:			US 2000-219204P	P 20000719
REFERENCE COUNT:	12	THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L14 ANSWER 5 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2005:33225 HCAPLUS

DOCUMENT NUMBER: 142:112460

TITLE: Monoclonal antibodies to fragment of **human**
mitotic **kinase** Aurora-A phosphorylated at
threonine 288, preparation, and use in cancer
therapy

INVENTOR(S): Urano, Takeshi; Furukawa, Koichi

PATENT ASSIGNEE(S): Farma Design Inc., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 16 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2005006532	A2	20050113	JP 2003-172730	20030618
PRIORITY APPLN. INFO.:			JP 2003-172730	20030618

L14 ANSWER 6 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2005:9198 HCAPLUS

DOCUMENT NUMBER: 142:91478

TITLE: Gene **expression** profiles in rheumatoid
arthritis and osteoarthritis and their use in
diagnosis and monitoring disease progress

INVENTOR(S): Blaess, Stefan

PATENT ASSIGNEE(S): Germany

SOURCE: Ger. Offen., 89 pp.

CODEN: GWXXBX

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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DE 10328033	A1	20050105	DE 2003-10328033	20030619
PRIORITY APPLN. INFO.:			DE 2003-10328033	20030619

L14 ANSWER 7 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2005:204152 HCAPLUS
DOCUMENT NUMBER: 142:277311
TITLE: Identification of V23RafA-Ser194 as a Critical Mediator for Aurora-A-induced Cellular Motility and Transformation by Small Pool **Expression** Screening
AUTHOR(S): Wu, Jiunn-Chyi; Chen, Tzong-Yueh; Yu, Chang-Tze R.; Tsai, Si-Jie; Hsu, Jung-Mao; Tang, Ming-Jer; Chou, Chen-Kung; Lin, Wey-Jing; Yuan, Chiun-Jye; Huang, Chi-Ying F.
CORPORATE SOURCE: Division of Molecular and Genomic Medicine, National Health Research Institutes, Taipei, 114, Taiwan
SOURCE: Journal of Biological Chemistry (2005), 280(10), 9013-9022
CODEN: JBCHA3; ISSN: 0021-9258
PUBLISHER: American Society for Biochemistry and Molecular Biology
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 51 THERE ARE 51 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 8 OF 195 MEDLINE on STN

ACCESSION NUMBER: 2005140620 MEDLINE
DOCUMENT NUMBER: PubMed ID: 15688006
TITLE: The Ste20-like kinase Mst2 activates the **human** large tumor suppressor **kinase** Lats1.
AUTHOR: Chan Eunice H Y; Nousiainen Marjaana; Chalamalasetty Ravindra B; Schafer Anja; Nigg Erich A; Sillje Herman H W
CORPORATE SOURCE: Department of Cell Biology, Max Planck Institute for Biochemistry, Am Klopferspitz 18, D-82152 Martinsried, Germany.
SOURCE: Oncogene, (2005 Mar 17) 24 (12) 2076-86.
Journal code: 8711562. ISSN: 0950-9232.
PUB. COUNTRY: England: United Kingdom
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200504
ENTRY DATE: Entered STN: 20050318
Last Updated on STN: 20050419
Entered Medline: 20050418

L14 ANSWER 9 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2005:60611 HCAPLUS
DOCUMENT NUMBER: 142:90322
TITLE: Phosphatidylinositol 3-kinase-mediated effects of glucose on vacuolar H⁺-ATPase assembly, translocation, and acidification of intracellular compartments in renal epithelial cells
AUTHOR(S): Sautin, Yuri Y.; Lu, Ming; Gaugler, Andrew; Zhang, Li; Gluck, Stephen L.
CORPORATE SOURCE: Department of Medicine, University of Florida College of Medicine, Gainesville, FL, USA
SOURCE: Molecular and Cellular Biology (2005), 25(2), 575-589
CODEN: MCEBD4; ISSN: 0270-7306
PUBLISHER: American Society for Microbiology
DOCUMENT TYPE: Journal

LANGUAGE: English
REFERENCE COUNT: 64 THERE ARE 64 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 10 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2005:52997 HCAPLUS
DOCUMENT NUMBER: 142:127933
TITLE: Protein kinase C and epidermal growth factor
stimulation of Raf1 potentiates adenylyl cyclase type
6 activation in intact cells
AUTHOR(S): Beazely, Michael A.; Alan, Jamie K.; Watts, Val J.
CORPORATE SOURCE: Department of Medicinal Chemistry and Molecular
Pharmacology, Purdue University, West Lafayette, IN,
USA
SOURCE: Molecular Pharmacology (2005), 67(1), 250-259
CODEN: MOPMA3; ISSN: 0026-895X
PUBLISHER: American Society for Pharmacology and Experimental
Therapeutics
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 46 THERE ARE 46 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 11 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 1
ACCESSION NUMBER: 2004:705795 HCAPLUS
DOCUMENT NUMBER: 141:223395
TITLE: Protein kinases up-regulated in human cancer tissues
and their use for diagnosing and treating cancers
INVENTOR(S): Brown, Eugene; Wei, Liu
PATENT ASSIGNEE(S): Wyeth, John, and Brother Ltd., USA
SOURCE: PCT Int. Appl., 125 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 10
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004070062	A2	20040819	WO 2004-XI3371	20040204
W:	AE, AE, AG, AL, AL, AM, AM, AM, AT, AT, AU, AZ, AZ, BA, BB, BG, BG, BR, BR, BW, BY, BY, BZ, BZ, CA, CH, CN, CN, CO, CO, CR, CR, CU, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EC, EE, EE, EG, ES, ES, FI, FI, GB, GD, GE, GE, GH, GM, HR, HU, HU, ID, IL, IN, IS, JP, JP, KE, KE, KG, KG, KP, KP, KR, KR, KZ, KZ, LC, LK, LR, LS, LS, LT, LU, LV, MA, MD, MD, MG, MK, MN, MW, MX, MX, MZ, MZ, NA, NI			
RW:	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
WO 2004070062	A2	20040819	WO 2004-US3371	20040204
WO 2004070062	A3	20041118		
W:	AE, AE, AG, AL, AL, AM, AM, AM, AT, AT, AU, AZ, AZ, BA, BB, BG, BG, BR, BR, BW, BY, BY, BZ, BZ, CA, CH, CN, CN, CO, CO, CR, CR, CU, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EC, EE, EE, EG, ES, ES, FI, FI, GB, GD, GE, GE, GH, GM, HR, HR, HU, HU, ID, IL, IN, IS, JP, JP, KE, KE, KG, KG, KP, KP, KR, KR, KZ, KZ, LC, LK, LR, LS, LS, LT, LU, LV, MA, MD, MD, MG, MK, MN, MW, MX, MX, MZ, MZ, NA, NI			
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MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, ML, MR, NE, SN, TD, TG, BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 2003-444637P P 20030204
WO 2004-US3371 A 20040204

L14 ANSWER 12 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 2
ACCESSION NUMBER: 2004:449884 HCAPLUS
DOCUMENT NUMBER: 140:420388
TITLE: Binary prediction tree modeling with many predictors
and its uses in clinical and genomic applications
INVENTOR(S): Nevins, Joseph R.; West, Mike; Huang, Andrew T.
PATENT ASSIGNEE(S): Duke University, USA
SOURCE: PCT Int. Appl., 886 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 5
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004038376	A2	20040506	WO 2003-XB33946	20031024
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
WO 2004038376	A2	20040506	WO 2003-US33946	20031024
WO 2004038376	A3	20040826		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
PRIORITY APPLN. INFO.:			US 2002-420729P	P 20021024
			US 2002-421062P	P 20021025
			US 2002-421102P	P 20021025
			US 2002-424701P	P 20021108
			US 2002-424715P	P 20021108
			US 2002-424718P	P 20021108
			US 2002-425256P	P 20021112
			US 2003-448461P	P 20030221
			US 2003-448462P	P 20030221
			US 2003-457877P	P 20030327
			US 2003-458373P	P 20030331
			WO 2003-US33946	A 20031024

L14 ANSWER 13 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 3
ACCESSION NUMBER: 2005:112755 HCAPLUS
DOCUMENT NUMBER: 142:153476
TITLE: Gene **expression** profiles and biomarkers for

the detection of depression-related and other
disease-related gene transcripts in blood

INVENTOR(S): Liew, Choong-chin
PATENT ASSIGNEE(S): Chondrogene Limited, Can.
SOURCE: U.S. Pat. Appl. Publ., 154 pp., Cont.-in-part of U.S.
Ser. No. 802,875.
CODEN: USXXCO

DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 42
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004265868	A1	20041230	US 2004-812702	20040330
US 2004014059	A1	20040122	US 2002-268730	20021009
US 2004248169	A1	20041209	US 2004-812737	20040330
US 2004265868	A1	20041230	US 2004-812702	20040330
WO 2004112589	A2	20041229	WO 2004-US20836	20040621

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,
NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,
TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE,
SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE,
SN, TD, TG

PRIORITY APPLN. INFO.: US 1999-115125P P 19990106
US 2000-477148 B1 20000104
US 2002-268730 A2 20021009
US 2003-601518 A2 20030620
US 2004-802875 A2 20040312
US 2004-812702 A 20040330
US 2001-271955P P 20010228
US 2001-275017P P 20010312
US 2001-305340P P 20010713
US 2002-85783 A2 20020228
US 2004-809675 A 20040325

L14 ANSWER 14 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 4
ACCESSION NUMBER: 2005:156681 HCAPLUS

Correction of: 2005:60757
DOCUMENT NUMBER: 142:216629

Correction of: 142:132329

TITLE: Gene **expression** profiles and biomarkers for
the detection of hyperlipidemia and other
disease-related gene transcripts in blood

INVENTOR(S): Liew, Choong-Chin
PATENT ASSIGNEE(S): Chondrogene Limited, Can.
SOURCE: U.S. Pat. Appl. Publ., 155 pp., Cont.-in-part of U.S.
Ser. No. 802,875.
CODEN: USXXCO

DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 42
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004248170	A1	20041209	US 2004-812777	20040330

US 2004014059	A1	20040122	US 2002-268730	20021009
US 2004248169	A1	20041209	US 2004-812737	20040330
US 2004248170	A1	20041209	US 2004-812777	20040330
US 2004248170	A1	20041209	US 2004-812777	20040330
US 2004265869	A1	20041230	US 2004-812716	20040330
WO 2004112589	A2	20041229	WO 2004-US20836	20040621

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.:

US 1999-115125P	P	19990106
US 2000-477148	B1	20000104
US 2002-268730	A2	20021009
US 2003-601518	A2	20030620
US 2004-802875	A2	20040312
US 2001-271955P	P	20010228
US 2001-275017P	P	20010312
US 2001-305340P	P	20010713
US 2002-85783	A2	20020228
US 2004-809675	A	20040325
US 2004-812777	A	20040330

L14 ANSWER 15 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 5

ACCESSION NUMBER: 2005:139371 HCAPLUS

DOCUMENT NUMBER: 142:195820

TITLE: Gene **expression** profiles and biomarkers for the detection of Chagas disease and other disease-related gene transcripts in blood

INVENTOR(S): Liew, Choong-Chin

PATENT ASSIGNEE(S): Chondrogene Limited, Can.

SOURCE: U.S. Pat. Appl. Publ., 154 pp., Cont.-in-part of U.S. Ser. No. 802,875.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 42

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004241729	A1	20041202	US 2004-813097	20040330
US 2004014059	A1	20040122	US 2002-268730	20021009
US 2004241729	A1	20041202	US 2004-813097	20040330
US 2004248169	A1	20041209	US 2004-812737	20040330
WO 2004112589	A2	20041229	WO 2004-US20836	20040621
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

PRIORITY APPLN. INFO.:

US 1999-115125P	P	19990106
US 2000-477148	B1	20000104
US 2002-268730	A2	20021009
US 2003-601518	A2	20030620
US 2004-802875	A2	20040312
US 2004-813097	A	20040330
US 2001-271955P	P	20010228
US 2001-275017P	P	20010312
US 2001-305340P	P	20010713
US 2002-85783	A2	20020228
US 2004-809675	A	20040325

L14 ANSWER 16 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 6

ACCESSION NUMBER: 2005:112850 HCAPLUS

DOCUMENT NUMBER: 142:153469

TITLE: Gene **expression** profiles and biomarkers for the detection of lung disease-related and other disease-related gene transcripts in blood

INVENTOR(S): Liew, Choong-chin

PATENT ASSIGNEE(S): Chondrogene Limited, Can.

SOURCE: U.S. Pat. Appl. Publ., 155 pp., Cont.-in-part of U.S. Ser. No: 802,875.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 42

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004241728	A1	20041202	US 2004-812764	20040330
US 2004014059	A1	20040122	US 2002-268730	20021009
US 2004241728	A1	20041202	US 2004-812764	20040330
US 2004248169	A1	20041209	US 2004-812737	20040330
WO 2004112589	A2	20041229	WO 2004-US20836	20040621
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

PRIORITY APPLN. INFO.:

US 1999-115125P	P	19990106
US 2000-477148	B1	20000104
US 2002-268730	A2	20021009
US 2003-601518	A2	20030620
US 2004-802875	A2	20040312
US 2004-812764	A	20040330
US 2001-271955P	P	20010228
US 2001-275017P	P	20010312
US 2001-305340P	P	20010713
US 2002-85783	A2	20020228
US 2004-809675	A	20040325

L14 ANSWER 17 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 7

ACCESSION NUMBER: 2005:248644 HCAPLUS

DOCUMENT NUMBER: 142:274057

TITLE: Sequences of human schizophrenia related genes and use for diagnosis, prognosis and therapy

INVENTOR(S): Liew, Choong-chin
 PATENT ASSIGNEE(S): Chondrogene Limited, Can.
 SOURCE: U.S. Pat. Appl. Publ., 156 pp., Cont.-in-part of U.S. Ser. No. 802,875.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 42
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004241727	A1	20041202	US 2004-812731	20040330
US 2004014059	A1	20040122	US 2002-268730	20021009
US 2004241727	A1	20041202	US 2004-812731	20040330
US 2004248169	A1	20041209	US 2004-812737	20040330
WO 2004112589	A2	20041229	WO 2004-US20836	20040621

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
 RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.:
 US 1999-115125P P 19990106
 US 2000-477148 B1 20000104
 US 2002-268730 A2 20021009
 US 2003-601518 A2 20030620
 US 2004-802875 A2 20040312
 US 2004-812731 A 20040330
 US 2001-271955P P 20010228
 US 2001-275017P P 20010312
 US 2001-305340P P 20010713
 US 2002-85783 A2 20020228
 US 2004-809675 A 20040325

L14 ANSWER 18 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 8

ACCESSION NUMBER: 2005:139369 HCAPLUS

DOCUMENT NUMBER: 142:175392

TITLE: Analysis of genetic information contained in peripheral blood for diagnosis, prognosis and monitoring treatment of allergy, infection and genetic disease in human

INVENTOR(S): Liew, Choong-Chin

PATENT ASSIGNEE(S): Chondrogene Limited, Can.

SOURCE: U.S. Pat. Appl. Publ., 155 pp., Cont.-in-part of U.S. Ser. No. 802,875.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 42

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004241726	A1	20041202	US 2004-812707	20040330
US 2004014059	A1	20040122	US 2002-268730	20021009
US 2004241726	A1	20041202	US 2004-812707	20040330
US 2004248169	A1	20041209	US 2004-812737	20040330

WO 2004112589 A2 20041229 WO 2004-US20836 20040621

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
 CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
 GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
 LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,
 NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,
 TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
 AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
 EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE,
 SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE,
 SN, TD, TG

PRIORITY APPLN. INFO.:

US 1999-115125P	P	19990106
US 2000-477148	B1	20000104
US 2002-268730	A2	20021009
US 2003-601518	A2	20030620
US 2004-802875	A2	20040312
US 2004-812707	A	20040330
US 2001-271955P	P	20010228
US 2001-275017P	P	20010312
US 2001-305340P	P	20010713
US 2002-85783	A2	20020228
US 2004-809675	A	20040325

L14 ANSWER 19 OF 195 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
 ACCESSION NUMBER: 2004-24100 BIOTECHDS

TITLE: New isolated Kinase Suppressor of Ras (KSR-2) nucleic acids
 and polypeptides, useful regulating Cot/Tpl2-mediated
 cellular functions, or in screening assays to identify
 pharmacological agents for modulating KSR-2 activity;
 involving vector-mediated gene transfer and
expression in host cell

AUTHOR: LIU W; WU L; CHANNAVAJHALA P L; LIN L; ZHANG Y
 PATENT ASSIGNEE: WYETH
 PATENT INFO: WO 2004087903 14 Oct 2004
 APPLICATION INFO: WO 2004-US9487 29 Mar 2004
 PRIORITY INFO: US 2003-491283 31 Jul 2003; US 2003-457928 28 Mar 2003
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 OTHER SOURCE: WPI: 2004-737702 [72]

L14 ANSWER 20 OF 195 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
 ACCESSION NUMBER: 2004-23510 BIOTECHDS

TITLE: New isolated homeodomain-interacting protein kinases (HIPK4)
 nucleic acids and polypeptides, useful for preventing or
 treating neurological disorders, or in screening assays to
 identify pharmacological agents for modulating HIPK4 activity
 ;
 involving vector-mediated gene transfer and
expression in host cell for neurological disorder
 prevention and therapy

AUTHOR: LIU W; OZENBERGER B A; WU L; LO C F; HANEY S A; SOOKDEO H;
 LEE J H
 PATENT ASSIGNEE: WYETH
 PATENT INFO: WO 2004087901 14 Oct 2004
 APPLICATION INFO: WO 2004-US9020 25 Mar 2004
 PRIORITY INFO: US 2003-491251 31 Jul 2003; US 2003-456958 25 Mar 2003
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 OTHER SOURCE: WPI: 2004-719231 [70]

L14 ANSWER 21 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2004:824003 HCAPLUS

DOCUMENT NUMBER: 141:312240
 TITLE: Differentially regulated nuclear genes encoding mitochondrial proteins in bipolar disorder and their use as markers in diagnosis, monitoring, and therapy
 INVENTOR(S): Konradi, Christine; Heckers, Stephan
 PATENT ASSIGNEE(S): The McLean Hospital Corporation, USA
 SOURCE: PCT Int. Appl., 101 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004085614	A2	20041007	WO 2004-US8516	20040319
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004248286	A1	20041209	US 2004-804950	20040319
PRIORITY APPLN. INFO.:			US 2003-456873P	P 20030321
			US 2003-516527P	P 20031030

L14 ANSWER 22 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2004:355085 HCAPLUS
 DOCUMENT NUMBER: 140:369944
 TITLE: Human tissue-specific housekeeping genes identified by **expression** profiling
 INVENTOR(S): Aburatani, Hiroyuki; Yamamoto, Shogo
 PATENT ASSIGNEE(S): NGK Insulators, Ltd., Japan
 SOURCE: PCT Int. Appl., 372 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004035785	A1	20040429	WO 2002-JP10753	20021016
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004229233	A1	20041118	US 2003-684422	20031015
PRIORITY APPLN. INFO.:			US 2002-418614P	P 20021016
			WO 2002-JP10753	W 20021016
REFERENCE COUNT:	3	THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L14 ANSWER 23 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:60701 HCAPLUS

DOCUMENT NUMBER: 140:122772

TITLE: Protein and cDNA sequences of human enzymes and therapeutic use as modulators of cellular proliferation

INVENTOR(S): Hitoshi, Yasumichi; Jenkins, Yonchu; Markovtsov, Vadim

PATENT ASSIGNEE(S): Rigel Pharmaceuticals, Inc., USA

SOURCE: PCT Int. Appl., 180 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004007754	A2	20040122	WO 2003-US22164	20030714
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
US 2004126784	A1	20040701	US 2003-620052	20030714
PRIORITY APPLN. INFO.:			US 2002-395443P	P 20020712

L14 ANSWER 24 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:85983 HCAPLUS

DOCUMENT NUMBER: 140:194431

TITLE: Human prostate cancer marker genes associated with various metastatic stages identified by gene profiling, and related compositions, kits, and methods for diagnosis, prognosis and therapy

INVENTOR(S): Schlegel, Robert; Endege, Wilson O.

PATENT ASSIGNEE(S): Millennium Pharmaceuticals, Inc., USA

SOURCE: U.S. Pat. Appl. Publ., 131 pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 5

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004009481	A1	20040115	US 2002-166883	20020611
US 2004009481	A1	20040115	US 2002-166883	20020611
PRIORITY APPLN. INFO.:			US 2001-297285P	P 20010611
			US 2002-166883	A 20020611

L14 ANSWER 25 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:1010164 HCAPLUS

DOCUMENT NUMBER: 142:21639

TITLE: GSK-3 Phosphorylation of the Alzheimer Epitope within Collapsin Response Mediator Proteins Regulates Axon Elongation in Primary Neurons

AUTHOR(S): Cole, Adam R.; Knebel, Axel; Morrice, Nick A.; Robertson, Laura A.; Irving, Andrew J.; Connolly,

CORPORATE SOURCE: Chris N.; Sutherland, Calum
Division of Pathology and Neurosciences, Ninewells
Hospital, University of Dundee, Dundee, DD1 4HN, UK
SOURCE: Journal of Biological Chemistry (2004), 279(48),
50176-50180
CODEN: JBCHA3; ISSN: 0021-9258
PUBLISHER: American Society for Biochemistry and Molecular
Biology
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 31 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 26 OF 195 MEDLINE on STN DUPLICATE 9
ACCESSION NUMBER: 2004355299 MEDLINE
DOCUMENT NUMBER: PubMed ID: 15150265
TITLE: **Human SAD1 kinase** is involved in
UV-induced DNA damage checkpoint function.
AUTHOR: Lu Rui; Niida Hiroyuki; Nakanishi Makoto
CORPORATE SOURCE: Department of Biochemistry and Cell Biology, Graduate
School of Medical Sciences, Nagoya City University, 1
Kawasumi, Mizuho-cho, Mizuho-ku, Nagoya 467-8601, Japan.
SOURCE: Journal of biological chemistry, (2004 Jul 23) 279 (30)
31164-70. Electronic Publication: 2004-05-18.
Journal code: 2985121R. ISSN: 0021-9258.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200409
ENTRY DATE: Entered STN: 20040720
Last Updated on STN: 20040922
Entered Medline: 20040921

L14 ANSWER 27 OF 195 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
STN DUPLICATE 10
ACCESSION NUMBER: 2004:320324 BIOSIS
DOCUMENT NUMBER: PREV200400321121
TITLE: Human mob proteins regulate the NDR1 and NDR2
serine-threonine kinases.
AUTHOR(S): Devroe, Eric; Erdjument-Bromage, Hediye; Tempst, Paul;
Silver, Pamela A. [Reprint Author]
CORPORATE SOURCE: Sch MedDept Syst Biol, Harvard Univ, Boston, MA, 02115, USA
pamela_silver@dfci.harvard.edu
SOURCE: Journal of Biological Chemistry, (June 4 2004) Vol. 279,
No. 23, pp. 24444-24451. print.
CODEN: JBCHA3. ISSN: 0021-9258.
DOCUMENT TYPE: Article
LANGUAGE: English
ENTRY DATE: Entered STN: 21 Jul 2004
Last Updated on STN: 21 Jul 2004

L14 ANSWER 28 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2004:425202 HCAPLUS
DOCUMENT NUMBER: 141:84455
TITLE: Regulation of NDR2 Protein Kinase by Multi-site
Phosphorylation and the S100B Calcium-binding Protein
AUTHOR(S): Stegert, Mario R.; Tamaskovic, Rastislav; Bichsel,
Samuel J.; Hergovich, Alexander; Hemmings, Brian A.
CORPORATE SOURCE: Friedrich Miescher Institute for Biomedical Research,
Basel, CH 4058, Switz.
SOURCE: Journal of Biological Chemistry (2004), 279(22),
23806-23812

CODEN: JBCHA3; ISSN: 0021-9258
PUBLISHER: American Society for Biochemistry and Molecular
Biology
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 29 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2004:1012516 HCAPLUS
DOCUMENT NUMBER: 142:20701
TITLE: Glycogen synthase kinase-3 β phosphorylates Bax
and promotes its mitochondrial localization during
neuronal apoptosis
AUTHOR(S): Linseman, Daniel A.; Butts, Brent D.; Precht, Thomas
A.; Phelps, Reid A.; Le, Shoshona S.; Laessig, Tracey
A.; Bouchard, Ron J.; Florez-McClure, Maria L.;
Heidenreich, Kim A.
CORPORATE SOURCE: Department of Pharmacology, University of Colorado
Health Sciences Center, Denver, CO, 80262, USA
SOURCE: Journal of Neuroscience (2004), 24(44), 9993-10002
CODEN: JNRSDS; ISSN: 0270-6474
PUBLISHER: Society for Neuroscience
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 39 THERE ARE 39 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 30 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2004:355319 HCAPLUS
DOCUMENT NUMBER: 141:84517
TITLE: Protein Phosphorylation of Human **Brain**
Glutamic Acid Decarboxylase (GAD)65 and GAD67 and Its
Physiological Implications
AUTHOR(S): Wei, Jianning; Davis, Kathleen M.; Wu, Heng; Wu,
Jang-Yen
CORPORATE SOURCE: Department of Biomedical Sciences, Florida Atlantic
University, Boca Raton, FL, 33431, USA
SOURCE: Biochemistry (2004), 43(20), 6182-6189
CODEN: BICHAW; ISSN: 0006-2960
PUBLISHER: American Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 24 THERE ARE 24 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 31 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2004:114022 HCAPLUS
DOCUMENT NUMBER: 140:283198
TITLE: MARK4 Is a Novel Microtubule-associated
Proteins/Microtubule Affinity-regulating Kinase That
Binds to the Cellular Microtubule Network and to
Centrosomes
AUTHOR(S): Trinczek, Bernhard; Brajenovic, Miro; Ebner, Andreas;
Drewes, Gerard
CORPORATE SOURCE: Dep. Med. Chem., Univ. Kansas, Lawrence, KS, 66045,
USA
SOURCE: Journal of Biological Chemistry (2004), 279(7),
5915-5923
CODEN: JBCHA3; ISSN: 0021-9258
PUBLISHER: American Society for Biochemistry and Molecular
Biology
DOCUMENT TYPE: Journal

LANGUAGE: English
REFERENCE COUNT: 57 THERE ARE 57 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 32 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2004:429396 HCAPLUS
DOCUMENT NUMBER: 140:404621
TITLE: Glycogen synthase kinase-3 β activity is required
for androgen-stimulated gene **expression** in
prostate cancer
AUTHOR(S): Liao, Xinbo; Thrasher, J. Brantley; Holzbeierlein,
Jeffery; Stanley, Scott; Li, Benyi
CORPORATE SOURCE: Department of Urology and Kansas Cancer Institute, The
University of Kansas Medical Center, Kansas City, KS,
66160, USA
SOURCE: Endocrinology (2004), 145(6), 2941-2949
CODEN: ENDOAO; ISSN: 0013-7227
PUBLISHER: Endocrine Society
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 52 THERE ARE 52 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 33 OF 195 MEDLINE on STN DUPLICATE 11
ACCESSION NUMBER: 2004270726 MEDLINE
DOCUMENT NUMBER: PubMed ID: 15169836
TITLE: A screen for modifiers of RacGAP(84C) gain-of-function in
the Drosophila eye revealed the LIM kinase Cdi/TESK1 as a
downstream effector of Rac1 during spermatogenesis.
AUTHOR: Raymond Karine; Bergeret Evelyne; Avet-Rochex Amelie;
Griffin-Shea Ruth; Fauvarque Marie-Odile
CORPORATE SOURCE: CEA-Grenoble, Departement de Reponse et Dynamique
Cellulaires, UMR 5092, 17 rue des Martyrs, 38054 Grenoble
CEDEX 9, France.
SOURCE: Journal of cell science, (2004 Jun 1) 117 (Pt 13) 2777-89.
Journal code: 0052457. ISSN: 0021-9533.
PUB. COUNTRY: England: United Kingdom
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200501
ENTRY DATE: Entered STN: 20040602
Last Updated on STN: 20050114
Entered Medline: 20050113

L14 ANSWER 34 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2004:47788 HCAPLUS
DOCUMENT NUMBER: 140:211307
TITLE: The Phosphatidylinositol 3-Kinase/Akt Pathway Enhances
Smad3-stimulated Mesangial Cell Collagen I
Expression in Response to Transforming Growth
Factor- β 1
AUTHOR(S): Runyan, Constance E.; Schnaper, H. William; Poncelet,
Anne-Christine
CORPORATE SOURCE: Department of Pediatrics, Northwestern University,
Chicago, IL, 60611, USA
SOURCE: Journal of Biological Chemistry (2004), 279(4),
2632-2639
CODEN: JBCHA3; ISSN: 0021-9258
PUBLISHER: American Society for Biochemistry and Molecular
Biology
DOCUMENT TYPE: Journal
LANGUAGE: English

REFERENCE COUNT: 45 THERE ARE 45 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 35 OF 195 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
STN

ACCESSION NUMBER: 2005:95661 BIOSIS
DOCUMENT NUMBER: PREV200500095627
TITLE: Overexpression and amplification of STK15 in human gliomas.
AUTHOR(S): Klein, Alexandra; Reichardt, Wilfried; Jung, Volker; Zang,
Klaus D.; Meese, Eckart; Urbtschat, Steffi [Reprint Author]
CORPORATE SOURCE: Inst Human Genet, Univ Saarlandes, Bldg 60, D-66421,
Homburg, Germany
hgsmur@uniklinik-saarland.de
SOURCE: International Journal of Oncology, (December 2004) Vol. 25,
No. 6, pp. 1789-1794. print.
ISSN: 1019-6439 (ISSN print).
DOCUMENT TYPE: Article
LANGUAGE: English
ENTRY DATE: Entered STN: 9 Mar 2005
Last Updated on STN: 9 Mar 2005

L14 ANSWER 36 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:576754 HCAPLUS
DOCUMENT NUMBER: 141:87099
TITLE: Glycogen synthase kinase 3 β (GSK3 β) mediates
6-hydroxydopamine-induced neuronal death
AUTHOR(S): Chen, Gang; Bower, Kimberly A.; Ma, Cuiling; Fang,
Shengyun; Thiele, Carol J.; Luo, Jia
CORPORATE SOURCE: Department of Microbiology, Immunology & Cell Biology,
West Virginia, Robert C. Byrd Health Sciences Center,
West Virginia University School of Medicine,
Morgantown, WV, 26506, USA
SOURCE: FASEB Journal (2004), 18(10), 1162-1164,
10.1096/fj.04-1551fje
CODEN: FAJOEC; ISSN: 0892-6638
PUBLISHER: Federation of American Societies for Experimental
Biology
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 86 THERE ARE 86 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 37 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:665819 HCAPLUS
DOCUMENT NUMBER: 142:131696
TITLE: **Expression** profiles of androgen independent
bond metastatic **prostate** cancer cells
indicate up-regulation of the putative **serine**
-threonine kinase GS3955
AUTHOR(S): Bisoffi, Marco; Klima, Irena; Gresko, Ekaterina;
Durfee, Paul N.; Hines, William C.; Griffith, Jeffrey
K.; Studer, Urs E.; Thalmann, George N.
CORPORATE SOURCE: Department of Biochemistry and Molecular Biology,
University of New Mexico School of Medicine,
Albuquerque, NM, USA
SOURCE: Journal of Urology (Hagerstown, MD, United States)
(2004), 172(3), 1145-1150
CODEN: JOURAA; ISSN: 0022-5347
PUBLISHER: Lippincott Williams & Wilkins
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 38 OF 195 MEDLINE on STN
 ACCESSION NUMBER: 2004292887 MEDLINE
 DOCUMENT NUMBER: PubMed ID: 15194194
 TITLE: **Cloning**, genomic organization, alternative splicing and **expression** analysis of the human gene WNK3 (PRKWNK3).
 AUTHOR: Holden Simon; Cox James; Raymond F Lucy
 CORPORATE SOURCE: Department of Medical Genetics, Cambridge Institute for Medical Research, Addenbrooke's Hospital Box 139, Hills Road, Cambridge, CB2 2XY, UK.
 SOURCE: Gene, (2004 Jun 23) 335 109-19.
 Journal code: 7706761. ISSN: 0378-1119.
 PUB. COUNTRY: Netherlands
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 OTHER SOURCE: GENBANK-AY352048
 ENTRY MONTH: 200408
 ENTRY DATE: Entered STN: 20040615
 Last Updated on STN: 20040824
 Entered Medline: 20040823

L14 ANSWER 39 OF 195 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
 ACCESSION NUMBER: 2004:319486 BIOSIS
 DOCUMENT NUMBER: PREV200400320620
 TITLE: Cell type- and **brain** structure-specific patterns of distribution of minibrain kinase in human **brain**
 AUTHOR(S): Wegiel, Jerzy [Reprint Author]; Kuchna, Izabela; Nowicki, Krzysztof; Frackowiak, Janusz; Dowjat, Karol; Silverman, Wayne P.; Reisberg, Barry; deLeon, Mony; Wisniewski, Thomas; Adayev, Tatyana; Chen-Hwang, Mo-Chou; Hwang, Yu-Wen
 CORPORATE SOURCE: Dept Dev Neurobiol, New York State Inst Basic Res Dev Disabil, 1050 Forest Hill Rd, Staten Isl, NY, 10314, USA
 J_Wegiel@msn.com
 SOURCE: Brain Research, (June 4 2004) Vol. 1010, No. 1-2, pp. 69-80. print.
 ISSN: 0006-8993 (ISSN print).
 DOCUMENT TYPE: Article
 LANGUAGE: English
 ENTRY DATE: Entered STN: 21 Jul 2004
 Last Updated on STN: 21 Jul 2004

L14 ANSWER 40 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2004:81722 HCAPLUS
 DOCUMENT NUMBER: 140:213774
 TITLE: GSK-3 kinases enhance calcineurin signaling by phosphorylation of RCNs
 AUTHOR(S): Hilioti, Zoe; Gallagher, Deirdre A.; Low-Nam, Shalini T.; Ramaswamy, Priya; Gajer, Pawel; Kingsbury, Tami J.; Birchwood, Christine J.; Levchenko, Andre; Cunningham, Kyle W.
 CORPORATE SOURCE: Department of Biology, Johns Hopkins University, Baltimore, MD, 21218, USA
 SOURCE: Genes & Development (2004), 18(1), 35-47
 CODEN: GEDEEP; ISSN: 0890-9369
 PUBLISHER: Cold Spring Harbor Laboratory Press
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 REFERENCE COUNT: 52 THERE ARE 52 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 41 OF 195 MEDLINE on STN
 ACCESSION NUMBER: 2003576245 MEDLINE
 DOCUMENT NUMBER: PubMed ID: 12965890
 TITLE: Renal **expression** and activity of the germinal
 center kinase SK2.
 AUTHOR: Cybulsky Andrey V; Takano Tomoko; Papillon Joan; Khadir
 Abdelkrim; Bijian Krikor; Chien Chu-Chun; Alpers Charles E;
 Rabb Hamid
 CORPORATE SOURCE: Division of Nephrology, Royal Victoria Hospital, 687 Pine
 Avenue West, Montreal, Quebec, Canada H3A 1A1..
 andrey.cybulsky@mcgill.ca
 CONTRACT NUMBER: DK 47659 (NIDDK)
 DK 54770 (NIDDK)
 SOURCE: American journal of physiology. Renal physiology, (2004
 Jan) 286 (1) F16-25. Electronic Publication: 2003-09-09.
 Journal code: 100901990. ISSN: 0363-6127.
 PUB. COUNTRY: United States
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 ENTRY MONTH: 200402
 ENTRY DATE: Entered STN: 20031216
 Last Updated on STN: 20040211
 Entered Medline: 20040210

L14 ANSWER 42 OF 195 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
 DUPLICATE 12

ACCESSION NUMBER: 2003-28819 BIOTECHDS
 TITLE: New nucleic acid encoding a **human serine/**
threonine kinase, useful for preparing a
 composition for diagnosing, preventing or treating e.g.,
 breast cancer or immune disorders;
recombinant enzyme protein production via
 plasmid **expression** in host cell for use in
 disease therapy and gene therapy
 AUTHOR: DAVISON D B; FEDER J N; LEE L M; OTT K
 PATENT ASSIGNEE: BRISTOL-MYERS SQUIBB CO
 PATENT INFO: WO 2003087332 23 Oct 2003
 APPLICATION INFO: WO 2003-US11189 11 Apr 2003
 PRIORITY INFO: US 2002-372745 12 Apr 2002; US 2002-372745 12 Apr 2002
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 OTHER SOURCE: WPI: 2003-845320 [78]

L14 ANSWER 43 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 13

ACCESSION NUMBER: 2003:942767 HCAPLUS
 DOCUMENT NUMBER: 140:40262
 TITLE: Genes **expressed** in atherosclerotic tissue
 and their use in diagnosis and pharmacogenetics
 INVENTOR(S): Nevins, Joseph; West, Mike; Goldschmidt, Pascal
 PATENT ASSIGNEE(S): Duke University, USA
 SOURCE: PCT Int. Appl., 408 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 3
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003091391	A2	20031106	WO 2002-XB38221	20021112
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ,				

LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
 PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,
 UA, UG, US, UZ, VN, YU, ZA, ZM, ZW
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
 KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,
 FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF,
 CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 2001-335048P P 20011031
 US 2001-335183P P 20011102
 WO 2002-US34888 A 20021031

L14 ANSWER 45 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 15
 ACCESSION NUMBER: 2003:187087 HCAPLUS
 DOCUMENT NUMBER: 138:219709
 TITLE: Differentially expressed gene expression profiles in
 human glomerular diseases
 INVENTOR(S): Munger, William E.; Falk, Ronald; Sun, Hongwei; Sasai,
 Hitoshi; Waga, Iwao; Yamamoto, Jun
 PATENT ASSIGNEE(S): Gene Logic, Inc., USA; University of North Carolina At
 Chapel Hill
 SOURCE: PCT Int. Appl., 781 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 9
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003016476	A2	20030227	WO 2002-XD25766	20020814
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
WO 2003016476	A2	20030227	WO 2002-US25766	20020814
WO 2003016476	A3	20030508		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
PRIORITY APPLN. INFO.:			US 2001-311837P P 20010814	
			WO 2002-US25766 A 20020814	

L14 ANSWER 46 OF 195 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
 ACCESSION NUMBER: 2003-22995 BIOTECHDS
 TITLE: New peptides that bind to a protein kinase C (PKC) in a
 conformation-specific or conformation-independent manner,
 useful for diagnosing and treating a disease associated with
 abnormal levels of PKC activation, e.g. prostate
 cancer;

involving vector-mediated gene transfer and
expression in host cell for use in
prostate cancer and diabetes diagnosis and therapy

AUTHOR: ASHRAF S S; BALLAS L M; HAMILTON P T
PATENT ASSIGNEE: KARO BIO AB
PATENT INFO: WO 2003059943 24 Jul 2003
APPLICATION INFO: WO 2003-EP343 15 Jan 2003
PRIORITY INFO: US 2002-349250 18 Jan 2002; US 2002-349250 18 Jan 2002
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2003-627379 [59]

L14 ANSWER 47 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2003:875074 HCAPLUS

DOCUMENT NUMBER: 139:380024

TITLE: Oligonucleotide probes and primers for diagnosing and
monitoring autoimmune and chronic inflammatory
diseases

INVENTOR(S): Wohlgenuth, Jay; Fry, Kirk; Woodward, Robert; Ly, Ngoc

PATENT ASSIGNEE(S): Expression Diagnostics, Inc., USA

SOURCE: PCT Int. Appl., 877 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 9

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003090694	A2	20031106	WO 2003-US13015	20030424
WO 2003090694	A3	20041118		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
US 2004009479	A1	20040115	US 2002-131827	20020424
PRIORITY APPLN. INFO.:			US 2002-131827	A2 20020424
			US 2001-296764P	P 20010608
			US 2001-6290	A2 20011022

L14 ANSWER 48 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2003:656499 HCAPLUS

DOCUMENT NUMBER: 139:178292

TITLE: Identification of gene **expression** markers
for ovarian cancer and therapeutic targets

INVENTOR(S): Jazaeri, Amir A.; Boyd, Jeffrey; Liu, Edison T.

PATENT ASSIGNEE(S): United States of America, Department of Health
Services, USA; The Sloan Kettering Institute for
Cancer Research

SOURCE: PCT Int. Appl., 136 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2003068054	A2	20030821	WO 2003-US4688	20030213
WO 2003068054	A3	20041209		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,				
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,				
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,				
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,				
PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ,				
UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,				
KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,				
FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF,				
BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2005095592	A1	20050505	US 2003-505680	20030213
PRIORITY APPLN. INFO.:			US 2002-357031P	P 20020213
			WO 2003-US4688	W 20030213

L14 ANSWER 49 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2003:356461 HCAPLUS

DOCUMENT NUMBER: 138:363915

TITLE: Protein and cDNA and genomic sequences of a
human serine/threonine

protein **kinase** sequence homolog, its tissue
expression, SNPs, and therapeutic use

INVENTOR(S): Neelam, Beena; Milshina, Natalia; Yan, Chunhua; Di
Francesco, Valentina; Beasley, Ellen M.; Ketchum,
Karen

PATENT ASSIGNEE(S): Applera Corporation, USA

SOURCE: PCT Int. Appl., 169 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003037910	A2	20030508	WO 2002-US34708	20021030
WO 2003037910	A3	20031030		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,				
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,				
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,				
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,				
PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,				
UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,				
KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,				
FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF,				
CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2003119037	A1	20030626	US 2002-283247	20021030
EP 1451311	A2	20040901	EP 2002-802490	20021030
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
PRIORITY APPLN. INFO.:			US 2001-330756P	P 20011030
			WO 2002-US34708	W 20021030

L14 ANSWER 50 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2003:221864 HCAPLUS

DOCUMENT NUMBER: 138:249732

TITLE: Gene **expression** profiling for identification

of disease genes for use in drug screening and therapy

INVENTOR(S): Bristow, Michael R.; Minobe, Wayne A.; Lowes, Brian
D.; Perryman, Benjamin M.

PATENT ASSIGNEE(S): The Regents of the University of Colorado, USA
 SOURCE: PCT Int. Appl., 74 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003023066	A1	20030320	WO 2002-US28808	20020911
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2003096782	A1	20030522	US 2002-241368	20020911
EP 1434876	A1	20040707	EP 2002-757676	20020911
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
JP 2005502367	T2	20050127	JP 2003-527128	20020911
PRIORITY APPLN. INFO.:			US 2001-318854P	P 20010911
			WO 2002-US28808	W 20020911
REFERENCE COUNT: 6		THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L14 ANSWER 51 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2003:97550 HCAPLUS
 DOCUMENT NUMBER: 138:164674
 TITLE: Molecular markers for hepatocellular carcinoma and their use in diagnosis and therapy
 INVENTOR(S): Debuschewitz, Sabine; Jobst, Juergen; Kaiser, Stephan
 PATENT ASSIGNEE(S): Germany
 SOURCE: PCT Int. Appl., 98 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003010336	A2	20030206	WO 2002-EP8305	20020725
WO 2003010336	A3	20041229		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
DE 10136273	A1	20030213	DE 2001-10136273	20010725
EP 1507871	A2	20050223	EP 2002-790191	20020725

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK
 WO 2004011945 A2 20040205 WO 2003-EP8243 20030725
 WO 2004011945 A3 20040603
 W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
 CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
 GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
 LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM,
 PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN,
 TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
 KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,
 FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR,
 BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
 EP 1525477 A2 20050427 EP 2003-771105 20030725
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK
 PRIORITY APPLN. INFO.: DE 2001-10136273 A 20010725
 WO 2002-EP8305 W 20020725
 WO 2003-EP8243 W 20030725

L14 ANSWER 52 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2003:874888 HCAPLUS

DOCUMENT NUMBER: 139:359923

TITLE: Protein and cDNA and genomic sequences of a
**human protein serine/
 threonine kinase** (phosphorylating)
 sequence homolog, its tissue **expression**,
 SNPs, and therapeutic use

INVENTOR(S): Neelam, Beena; Yan, Xianghe; Yan, Chunhua

PATENT ASSIGNEE(S): Applera Corporation, USA

SOURCE: U.S. Pat. Appl. Publ., 128 pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2003207311	A1	20031106	US 2003-427923	20030502
CA 2483520	AA	20031127	CA 2003-2483520	20030505
WO 2003097793	A2	20031127	WO 2003-US13987	20030505
WO 2003097793	A3	20040311		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
 CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
 GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
 LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
 PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA,
 UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
 KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,
 FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF,
 CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

EP 1499740 A2 20050126 EP 2003-752996 20030505

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK

PRIORITY APPLN. INFO.: US 2002-377592P P 20020506
 US 2003-427923 A 20030502
 WO 2003-US13987 W 20030505

L14 ANSWER 53 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2003:871576 HCAPLUS

DOCUMENT NUMBER: 139:348535
TITLE: Phosphorylation of SNAP-23 in Activated Human Platelets
AUTHOR(S): Polgar, Janos; Lane, William S.; Chung, Sul-Hee; Houn, Aiilyan K.; Reed, Guy L.
CORPORATE SOURCE: Cardiovascular Biology Laboratory, Harvard School of Public Health, Boston, MA, 02115, USA
SOURCE: Journal of Biological Chemistry (2003), 278(45), 44369-44376
CODEN: JBCHA3; ISSN: 0021-9258
PUBLISHER: American Society for Biochemistry and Molecular Biology
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 49 THERE ARE 49 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 54 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2003:792464 HCAPLUS
DOCUMENT NUMBER: 140:56991
TITLE: Protein Kinase α Phosphorylates and Negatively Regulates Diacylglycerol Kinase ζ
AUTHOR(S): Luo, Bai; Prescott, Stephen M.; Topham, Matthew K.
CORPORATE SOURCE: Department of Oncological Sciences, Huntsman Cancer Institute, University of Utah, Salt Lake City, UT, 84112, USA
SOURCE: Journal of Biological Chemistry (2003), 278(41), 39542-39547
CODEN: JBCHA3; ISSN: 0021-9258
PUBLISHER: American Society for Biochemistry and Molecular Biology
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 55 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2003:731257 HCAPLUS
DOCUMENT NUMBER: 140:55530
TITLE: Comparative studies of a new subfamily of **human Ste20-like kinases**: homodimerization, subcellular localization, and selective activation of MKK3 and p38
AUTHOR(S): Yustein, Jason T.; Xia, Liang; Kahlenburg, J. Michelle; Robinson, Dan; Templeton, Dennis; Kung, Hsing-Jien
CORPORATE SOURCE: Department of Molecular Biology and Microbiology, Case Western Reserve University, Cleveland, OH, 44106-4960, USA
SOURCE: Oncogene (2003), 22(40), 6129-6141
CODEN: ONCNES; ISSN: 0950-9232
PUBLISHER: Nature Publishing Group
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 49 THERE ARE 49 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 56 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2003:710693 HCAPLUS
DOCUMENT NUMBER: 139:394019
TITLE: Attenuation of Androgen Receptor-Dependent Transcription by the **Serine/Threonine** Kinase Pim-1

AUTHOR(S): Thompson, James; Peltola, Katriina J.; Koskinen, Paeivi J.; Jaenne, Olli A.; Palvimo, Jorma J.
CORPORATE SOURCE: Biomedicum Helsinki, Institute of Biomedicine/Physiology, University of Helsinki, Helsinki, Finland
SOURCE: Laboratory Investigation (2003), 83(9), 1301-1309
CODEN: LAINAW; ISSN: 0023-6837
PUBLISHER: Lippincott Williams & Wilkins
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 48 THERE ARE 48 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 57 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2003:500774 HCAPLUS
DOCUMENT NUMBER: 139:346298
TITLE: Activation of phosphoinositide 3-kinase/PKB pathway by CB1 and CB2 cannabinoid receptors **expressed** in **prostate** PC-3 cells. Involvement in Raf-1 stimulation and NGF induction
AUTHOR(S): Sanchez, Maria G.; Ruiz-Llorente, Lidia; Sanchez, Ana M.; Diaz-Laviada, Ines
CORPORATE SOURCE: School of Medicine, Department of Biochemistry and Molecular Biology, University of Alcala, Madrid, 28871, Spain
SOURCE: Cellular Signalling (2003), 15(9), 851-859
CODEN: CESIEY; ISSN: 0898-6568
PUBLISHER: Elsevier Science B.V.
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 38 THERE ARE 38 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 58 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2002:981604 HCAPLUS
DOCUMENT NUMBER: 139:18966
TITLE: Identification of residues which regulate activity of the STE20-related kinase hMINK
AUTHOR(S): Lim, Jaeseung; Lennard, Andrew; Sheppard, Paul W.; Kellie, Stuart
CORPORATE SOURCE: Yamanouchi Research Institute, Oxford, OX4 4SX, UK
SOURCE: Biochemical and Biophysical Research Communications (2003), 300(3), 694-698
CODEN: BBRCA9; ISSN: 0006-291X
PUBLISHER: Elsevier Science
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 59 OF 195 MEDLINE on STN
ACCESSION NUMBER: 2003083642 MEDLINE
DOCUMENT NUMBER: PubMed ID: 12595708
TITLE: Purification and crystallization of the N-terminal domain from the **human** doublecortin-like **kinase**
AUTHOR: Kim Myung Hee; Derewenda Urszula; Devedjiev Yancho; Dauter Zbigniew; Derewenda Zygmunt S
CORPORATE SOURCE: Department of Molecular Physiology and Biological Physics and the Cancer Center, University of Virginia, PO Box 800736, Charlottesville, Virginia 22908-0736, USA.
CONTRACT NUMBER: NS36267 (NINDS)
SOURCE: Acta crystallographica. Section D, Biological

crystallography, (2003 Mar) 59 (Pt 3) 502-5. Electronic
Publication: 2003-02-21.

Journal code: 9305878. ISSN: 0907-4449.

PUB. COUNTRY: Denmark
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200310
ENTRY DATE: Entered STN: 20030222
Last Updated on STN: 20031008
Entered Medline: 20031007

L14 ANSWER 60 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2003:26288 HCAPLUS

DOCUMENT NUMBER: 138:281998

TITLE: Gene structure and alternative splicing of glycogen
synthase kinase 3 beta (GSK-3 β) in neural and
non-neural tissues

AUTHOR(S): Schaffer, B.; Wiedau-Pazos, M.; Geschwind, D. H.

CORPORATE SOURCE: Department of Neurology, University of California at
Los Angeles, Los Angeles, CA, 710, USA

SOURCE: Gene (2003), 302(1-2), 73-81
CODEN: GENED6; ISSN: 0378-1119

PUBLISHER: Elsevier Science B.V.

DOCUMENT TYPE: Journal

LANGUAGE: English

REFERENCE COUNT: 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 61 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2003:722553 HCAPLUS

DOCUMENT NUMBER: 140:40051

TITLE: Activation of the cell stress kinase PKR in
Alzheimer's disease and human amyloid precursor
protein transgenic mice

AUTHOR(S): Peel, Alyson L.; Bredesen, Dale E.

CORPORATE SOURCE: Buck Institute for Age Research, Novato, CA, USA

SOURCE: Neurobiology of Disease (2003), 14(1), 52-62
CODEN: NUDIEM; ISSN: 0969-9961

PUBLISHER: Elsevier Science

DOCUMENT TYPE: Journal

LANGUAGE: English

REFERENCE COUNT: 54 THERE ARE 54 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 62 OF 195 MEDLINE on STN DUPLICATE 16

ACCESSION NUMBER: 2003551080 MEDLINE

DOCUMENT NUMBER: PubMed ID: 14631099

TITLE: Molecular **cloning** and characterization of a novel
human kinase gene, PDIK1L.

AUTHOR: Guo Lingchen; Ji Chaoneng; Gu Shaohua; Ying Kang; Cheng
Haipeng; Ni Xiaohua; Liu Jianping; Xie Yi; Mao Yumin

CORPORATE SOURCE: State Key Laboratory of Genetic Engineering, Institute of
Genetics, School of Life Sciences, Fudan University,
Shanghai 200433, People's Republic of China.

SOURCE: Journal of genetics, (2003 Apr-Aug) 82 (1-2) 27-32.
Journal code: 2985113R. ISSN: 0022-1333.

PUB. COUNTRY: India

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English

FILE SEGMENT: Priority Journals

ENTRY MONTH: 200403

ENTRY DATE: Entered STN: 20031122

Last Updated on STN: 20040323
Entered Medline: 20040322

L14 ANSWER 63 OF 195 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
DUPLICATE 17

ACCESSION NUMBER: 2003-01882 BIOTECHDS
TITLE: New peptides related to **serine/threonine**
protein kinase subfamily, useful for treating disorders
associated with abnormal **expression** of kinase in
prostate, lungs and **brain**, in drug
screening assays and pharmacogenomic analysis;
recombinant protein production and sense and
antisense sequence use in gene therapy
AUTHOR: BEASLEY E M; YE J; YAN C; KETCHUM K A; DI FRANCESCO V
PATENT ASSIGNEE: PE CORP NY
PATENT INFO: WO 2002059288 1 Aug 2002
APPLICATION INFO: WO 2002-US930 15 Jan 2002
PRIORITY INFO: US 2001-819607 29 Mar 2001; US 2001-263162 23 Jan 2001
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2002-599781 [64]

L14 ANSWER 64 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 18

ACCESSION NUMBER: 2002:285562 HCAPLUS
DOCUMENT NUMBER: 137:61578
TITLE: **Expressed** gene sets as markers for specific
tumors
INVENTOR(S): Ramaswamy, Sridhar; Golub, Todd B.; Tamayo, Pablo;
Angelo, Michael
PATENT ASSIGNEE(S): Whitehead Institute for Biomedical Research, USA;
Dana-Farber Cancer Institute, Inc.
SOURCE: PCT Int. Appl., 715 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 4
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002024956	A2	20020328	WO 2001-XB29287	20010919
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
WO 2002024956	A2	20020328	WO 2001-US29287	20010919
WO 2002024956	C1	20030306		
WO 2002024956	A3	20030626		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

PRIORITY APPLN. INFO.:

US 2000-233534P	P	20000919
US 2001-278749P	P	20010326
WO 2001-US29287	W	20010919

L14 ANSWER 65 OF 195 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2002-09627 BIOTECHDS

TITLE: Novel **human serine-threonine kinase** polypeptide for identifying agonist or antagonists, for treating cancer and neuronal disorders e.g., Alzheimer's disease, and as vaccines for inducing immunological response;
vector-mediated gene transfer, **expression** in host cell and antibody for **recombinant** protein production, drug screening and disease therapy

AUTHOR: SCHARM B
PATENT ASSIGNEE: MERCK PATENT GMBH
PATENT INFO: WO 2002002780 10 Jan 2002
APPLICATION INFO: WO 2000-EP7216 5 Jul 2000
PRIORITY INFO: EP 2000-114402 5 Jul 2000
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2002-171646 [22]

L14 ANSWER 66 OF 195 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2003-03141 BIOTECHDS

TITLE: New **human** mitogen-activated protein **kinase kinase**, MKK polypeptide for identifying reagents that modulate MKK signal transduction pathways, is capable of phosphorylating **human** mitogen-activated protein **kinase** p38;
recombinant protein production, antibody and drug screening useful for disease therapy and oligonucleotide for use in gene therapy

AUTHOR: DAVIS R J; RAINGEAUD J; DERIJARD B
PATENT ASSIGNEE: UNIV MASSACHUSETTS
PATENT INFO: US 2002102691 1 Aug 2002
APPLICATION INFO: US 2001-761569 16 Jan 2001
PRIORITY INFO: US 2001-761569 16 Jan 2001; US 1995-446083 19 May 1995
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2002-682026 [73]

L14 ANSWER 67 OF 195 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2002-17807 BIOTECHDS

TITLE: Nucleic acid molecules encoding calcium/calmodulin-dependent protein kinases, useful for preventing diagnosing and treating e.g. cancers, psoriasis and inflammation;
recombinant protein production by vector-mediated gene transfer and **expression** in host cell, useful for gene therapy

AUTHOR: YE J; YAN C; DI FRANCESCO V; BEASLEY E M
PATENT ASSIGNEE: PE CORP NY
PATENT INFO: US 6387677 14 May 2002
APPLICATION INFO: US 2001-800960 8 Mar 2001
PRIORITY INFO: US 2001-800960 8 Mar 2001
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2002-478444 [51]

L14 ANSWER 68 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2002:946484 HCAPLUS
DOCUMENT NUMBER: 138:35288

TITLE: **Human** homolog of yeast protein

INVENTOR(S):
 PATENT ASSIGNEE(S):
 SOURCE:
 DOCUMENT TYPE:
 LANGUAGE:
 FAMILY ACC. NUM. COUNT:
 PATENT INFORMATION:

kinase Cdr2, cDNA cloning, and uses
 in drug screening
 Nakanishi, Makoto
 Taiho Pharmaceutical Co., Ltd., Japan
 PCT Int. Appl., 63 pp.
 CODEN: PIXXD2

Patent
 Japanese
 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002099110	A1	20021212	WO 2002-JP5411	20020603
W: JP, US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
EP 1396545	A1	20040310	EP 2002-733272	20020603
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR				
US 2004151713	A1	20040805	US 2003-479532	20031203
PRIORITY APPLN. INFO.:			JP 2001-168792	A 20010604
			WO 2002-JP5411	W 20020603
REFERENCE COUNT:	6	THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L14 ANSWER 69 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2002:575249 HCAPLUS

DOCUMENT NUMBER: 137:136141

TITLE: Human protein kinase, its cDNA and protein sequences, and use thereof

INVENTOR(S): Yu, Xuanchuan; Miranda, Maricar; Friddle, Carl Johan

PATENT ASSIGNEE(S): Lexicon Genetics Incorporated, USA

SOURCE: PCT Int. Appl., 50 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002059325	A2	20020801	WO 2001-US50497	20011220
WO 2002059325	A3	20030320		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2002123622	A1	20020905	US 2001-28946	20011220
US 6734009	B2	20040511		
US 2004209297	A1	20041021	US 2004-791666	20040302
PRIORITY APPLN. INFO.:			US 2000-258335P	P 20001227
			US 2001-28946	A1 20011220

L14 ANSWER 70 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2002:391912 HCAPLUS

DOCUMENT NUMBER: 137:1836

TITLE: Measurement of DNA methylation for analysis of the

INVENTOR(S): toxicology of substances
 PATENT ASSIGNEE(S): Olek, Alexander; Piepenbrock, Christian; Berlin, Kurt
 SOURCE: Epigenomics Ag, Germany
 PCT Int. Appl., 113 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002040710	A2	20020523	WO 2001-EP12951	20011108
WO 2002040710	A3	20030530		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
DE 10056802	A1	20020529	DE 2000-10056802	20001114
AU 2002023672	A5	20020527	AU 2002-23672	20011108
EP 1337668	A2	20030827	EP 2001-996625	20011108
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2004513650	T2	20040513	JP 2002-543021	20011108
US 2004048279	A1	20040311	US 2003-416905	20030514
PRIORITY APPLN. INFO.: DE 2000-10056802 A 20001114 WO 2001-EP12951 W 20011108				

L14 ANSWER 71 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2002:293825 HCAPLUS
 DOCUMENT NUMBER: 136:321268
 TITLE: Protein and cDNA sequences of **human kinase** sequence homologs
 INVENTOR(S): Turner, C. Alexander, Jr.; Mathur, Brian
 PATENT ASSIGNEE(S): Lexicon Genetics Incorporated, USA
 SOURCE: PCT Int. Appl., 41 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002031129	A2	20020418	WO 2001-US32010	20011011
WO 2002031129	A3	20030206		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2002013183	A5	20020422	AU 2002-13183	20011011
US 2002128458	A1	20020912	US 2001-975326	20011011

US 6476210	B2	20021105		
US 2003023063	A1	20030130	US 2002-217357	20020809
US 6610537	B2	20030826		
US 2003207319	A1	20031106	US 2003-462887	20030617
PRIORITY APPLN. INFO.:			US 2000-239821P	P 20001012
			US 2001-975326	A1 20011011
			WO 2001-US32010	W 20011011
			US 2002-217357	A3 20020809

L14 ANSWER 72 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2002:172058 HCAPLUS

DOCUMENT NUMBER: 136:227966

TITLE: Protein and cDNA sequences of **human** protein
kinase sequence homologs and uses thereof in
diagnosis, therapy and drug screening

INVENTOR(S): Friddle, Carl Johan; Hilbun, Erin; Nepomnichy, Boris;
Hu, Yi

PATENT ASSIGNEE(S): Lexicon Genetics Incorporated, USA

SOURCE: PCT Int. Appl., 46 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002018555	A2	20020307	WO 2001-US26776	20010828
WO 2002018555	A3	20030227		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
AU 2001085326	A5	20020313	AU 2001-85326	20010828
US 2002147320	A1	20021010	US 2001-940921	20010828
PRIORITY APPLN. INFO.:			US 2000-229280P	P 20000831
			WO 2001-US26776	W 20010828

L14 ANSWER 73 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2002:172056 HCAPLUS

DOCUMENT NUMBER: 136:211953

TITLE: Protein, gene and cDNA sequences of **human**
serine/threonine kinase
sequence homolog and diagnostic and therapeutic uses thereof

INVENTOR(S): Webster, Marion; Li, Zhenya; Ketchum, Karen A.; Di
Francesco, Valentina; Beasley, Ellen M.

PATENT ASSIGNEE(S): Applera Corporation, USA

SOURCE: PCT Int. Appl., 65 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002018553	A2	20020307	WO 2001-US26260	20010824

WO 2002018553 A3 20020919
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
US 2002064843 A1 20020530 US 2001-797908 20010305
US 6555352 B2 20030429
CA 2420591 AA 20020307 CA 2001-2420591 20010824
AU 2001086637 A5 20020313 AU 2001-86637 20010824
EP 1313843 A2 20030528 EP 2001-966096 20010824
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
JP 2004507266 T2 20040311 JP 2002-524056 20010824
US 2003143690 A1 20030731 US 2003-357482 20030204
US 2005019821 A1 20050127 US 2004-927132 20040827
PRIORITY APPLN. INFO.: US 2000-229119P P 20000831
US 2001-797908 A 20010305
WO 2001-US26260 W 20010824
US 2003-357482 A3 20030204

L14 ANSWER 74 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2002:157957 HCAPLUS

DOCUMENT NUMBER: 136:195349

TITLE: Protein, gene and cDNA sequences of **human** protein **kinase** sequence homolog and diagnostic and therapeutic uses thereof

INVENTOR(S): Yan, Chunhua; Ye, Jane; Ketchum, Karen A.; Di Francesco, Valentina; Beasley, Ellen M.

PATENT ASSIGNEE(S): Applera Corporation, USA

SOURCE: PCT Int. Appl., 81 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002016567	A2	20020228	WO 2001-US26389	20010824
WO 2002016567	A3	20030130		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2002076783	A1	20020620	US 2001-810671	20010319
US 6455291	B2	20020924		
CA 2421062	AA	20020228	CA 2001-2421062	20010824
AU 2001086687	A5	20020304	AU 2001-86687	20010824
EP 1313844	A2	20030528	EP 2001-966150	20010824
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2004522413	T2	20040729	JP 2002-522241	20010824
US 2002119548	A1	20020829	US 2002-109854	20020401

US 6630337	B2	20031007		
US 2003134319	A1	20030717	US 2003-339656	20030110
US 6733978	B2	20040511		
US 2004152123	A1	20040805	US 2004-801671	20040317
PRIORITY APPLN. INFO.:			US 2000-227470P	P 20000824
			US 2001-810671	A 20010319
			WO 2001-US26389	W 20010824
			US 2002-109854	A3 20020401
			US 2003-339656	A3 20030110

L14 ANSWER 75 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2002:696559 HCAPLUS
 DOCUMENT NUMBER: 137:227754
 TITLE: Protein, gene and cDNA sequences of a novel
human kinase protein related to
serine/threonine protein kinase and
 their uses in drug screening
 INVENTOR(S): Ye, Jane; Yan, Chunhua; Di Francesco, Valentina;
 Beasley, Ellen M.
 PATENT ASSIGNEE(S): USA
 SOURCE: U.S. Pat. Appl. Publ., 174 pp.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2002127683	A1	20020912	US 2001-801876	20010309
US 6492155	B2	20021210		
US 2003027307	A1	20030206	US 2002-254869	20020926
US 6653117	B2	20031125		
US 2004043466	A1	20040304	US 2003-667442	20030923
US 6821765	B2	20041123		
PRIORITY APPLN. INFO.:			US 2001-801876	A3 20010309
			US 2002-254869	A3 20020926

L14 ANSWER 76 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2002:72748 HCAPLUS
 DOCUMENT NUMBER: 136:146104
 TITLE: Human stress genes identified using DNA microarrays
 INVENTOR(S): Chenchik, Alex; Lukashev, Matvey E.
 PATENT ASSIGNEE(S): Clontech, USA
 SOURCE: U.S. Pat. Appl. Publ., 57 pp., Cont.-in-part of U.S.
 Ser. No. 441,920.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2002009730	A1	20020124	US 2001-782909	20010213
PRIORITY APPLN. INFO.:			US 1998-222256	B2 19981228
			US 1999-440305	B2 19991117
			US 1999-441920	A2 19991117

L14 ANSWER 77 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2002:941845 HCAPLUS
 DOCUMENT NUMBER: 138:21334
 TITLE: Protein, gene and cDNA sequences of a novel

human protein kinase related to
serine/threonine kinase and their
 uses in drug screening
 INVENTOR(S): Yan, Chunhua; Li, Zhenya; Neelam, Beena; Difrancesco,
 Valentina; Beasley, Ellen M.
 PATENT ASSIGNEE(S): PE Corporation (Ny), USA
 SOURCE: U.S., 107 pp.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6492156	B1	20021210	US 2001-984890	20011031
US 2003232408	A1	20031218	US 2002-274194	20021021
US 6706511	B2	20040316		
WO 2003038115	A2	20030508	WO 2002-US34869	20021031
WO 2003038115	A3	20040122		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1451310	A2	20040901	EP 2002-793863	20021031
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
US 2004137499	A1	20040715	US 2004-760407	20040121
PRIORITY APPLN. INFO.: US 2001-984890 A3 20011031				
US 2002-274194 A3 20021021				
WO 2002-US34869 W 20021031				
REFERENCE COUNT:	1	THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L14 ANSWER 78 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2002:730430 HCAPLUS

DOCUMENT NUMBER: 137:259334

TITLE: Protein and cDNA sequences of two novel **human serine protein kinases expressed in brain and pancreas**

INVENTOR(S): Shu, Youmin; Fan, Wufang; Kovacs, Karl F.; Zidanic, Michael; Jay, Gilbert

PATENT ASSIGNEE(S): Origene Technologies, Inc, USA

SOURCE: U.S., 34 pp.
 CODEN: USXXAM

DOCUMENT TYPE: Patent
 LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6455292	B1	20020924	US 2001-930181	20010816
US 2003092036	A1	20030515	US 2002-195072	20020715
US 2003096271	A1	20030522	US 2002-195071	20020715
WO 2003016485	A2	20030227	WO 2002-US26129	20020816
WO 2003016485	A3	20041216		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
 CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
 GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
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 PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,
 UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD,
 RU, TJ, TM
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG,
 CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,
 PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,
 NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 2001-930181 A1 20010816
 REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 79 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2002:516591 HCAPLUS
 DOCUMENT NUMBER: 137:73244
 TITLE: Antiproliferative Sgk kinase reagents and methods
 INVENTOR(S): Firestone, Gary L.; Maiyar, Anita C.; Buse, Patricia;
 Bell, Lisa M.; Leong, Meredith L. L.
 PATENT ASSIGNEE(S): The Regents of the University of California, USA
 SOURCE: U.S., 17 pp.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6416759	B1	20020709	US 1999-410485	19990930
US 2003166025	A1	20030904	US 2002-189976	20020704
PRIORITY APPLN. INFO.:			US 1999-410485	A3 19990930
REFERENCE COUNT:	3	THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L14 ANSWER 80 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2002:66831 HCAPLUS
 DOCUMENT NUMBER: 136:113833
 TITLE: Protein, gene and cDNA sequences of **human**
 protein **kinase** sequence homolog
 INVENTOR(S): Yan, Chunhua; Ketchum, Karen A.; Di Francesco,
 Valentina; Beasley, Ellen M.
 PATENT ASSIGNEE(S): PE Corporation (NY), USA
 SOURCE: U.S., 88 pp.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6340583	B1	20020122	US 2001-813817	20010322
US 6403353	B1	20020611	US 2001-978197	20011017
CA 2442052	AA	20021003	CA 2002-2442052	20020322
WO 2002077171	A2	20021003	WO 2002-US8657	20020322
WO 2002077171	A3	20030227		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
 CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
 GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
 LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,

PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,
 UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU,
 TJ, TM
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,
 CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,
 BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
 EP 1379631 A2 20040114 EP 2002-721509 20020322
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
 US 2003166215 A1 20030904 US 2002-135696 20020501
 US 6740513 B2 20040525
 US 2004175751 A1 20040909 US 2004-820230 20040408
 PRIORITY APPLN. INFO.: US 2001-813817 A3 20010322
 US 2001-978197 A3 20011017
 WO 2002-US8657 W 20020322
 US 2002-135696 A3 20020501
 REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 81 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2002:779935 HCAPLUS

DOCUMENT NUMBER: 137:258603

TITLE: **Human serine kinase**
 receptor-like protein, protein and cDNA sequences,
recombinant production and therapeutic uses

INVENTOR(S): Mao, Yumin; Xie, Yi

PATENT ASSIGNEE(S): Bode Gene Development Co., Ltd., Shanghai, Peop. Rep.
 China

SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, 34 pp.
 CODEN: CNXXEV

DOCUMENT TYPE: Patent

LANGUAGE: Chinese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CN 1331241	A	20020116	CN 2000-116976	20000630
WO 2002012486	A1	20020214	WO 2001-CN1071	20010629
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
AU 2002014912	A5	20020218	AU 2002-14912	20010629
PRIORITY APPLN. INFO.:			CN 2000-116976	A 20000630
			WO 2001-CN1071	W 20010629

L14 ANSWER 82 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2002:732012 HCAPLUS

DOCUMENT NUMBER: 138:1083

TITLE: **Human protein kinase** PKU-like
 protein, protein and cDNA sequences,
recombinant production and therapeutic uses

INVENTOR(S): Mao, Yumin; Xie, Yi

PATENT ASSIGNEE(S): Shanghai Bode Gene Development Co., Ltd., Peop. Rep.
 China

SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, 35 pp.
 CODEN: CNXXEV

DOCUMENT TYPE: Patent
LANGUAGE: Chinese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO. -----	KIND ----	DATE -----	APPLICATION NO. -----	DATE -----
CN 1329154	A	20020102	CN 2000-116582	20000619
PRIORITY APPLN. INFO.:			CN 2000-116582	20000619

L14 ANSWER 83 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2002:910705 HCAPLUS
DOCUMENT NUMBER: 138:334809
TITLE: Ca2+-stimulated Ca2+ Oscillations Produced by the
Ca2+-sensing Receptor Require Negative Feedback by
Protein Kinase C
AUTHOR(S): Young, Steven H.; Wu, S. Vincent; Rozengurt, Enrique
CORPORATE SOURCE: UCLA-CURE Digestive Diseases Research Center and
Molecular Biology Institute, David Geffen School of
Medicine, Division of Digestive Diseases, Unit of
Signal Transduction and Gastrointestinal Cancer,
Department of Medicine, UCLA, Los Angeles, CA,
90095-1786, USA
SOURCE: Journal of Biological Chemistry (2002), 277(49),
46871-46876
CODEN: JBCHA3; ISSN: 0021-9258
PUBLISHER: American Society for Biochemistry and Molecular
Biology
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 41 THERE ARE 41 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 84 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2002:879562 HCAPLUS
DOCUMENT NUMBER: 138:234137
TITLE: Retinoblastoma Protein-mediated Apoptosis After gamma
-Irradiation
AUTHOR(S): Bowen, Cai; Birrer, Michael; Gelmann, Edward P.
CORPORATE SOURCE: Departments of Medicine and Oncology, Georgetown
University, Lombardi Cancer Center, Washington, DC,
20007-2197, USA
SOURCE: Journal of Biological Chemistry (2002), 277(47),
44969-44979
CODEN: JBCHA3; ISSN: 0021-9258
PUBLISHER: American Society for Biochemistry and Molecular
Biology
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 92 THERE ARE 92 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 85 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2002:862756 HCAPLUS
DOCUMENT NUMBER: 138:119221
TITLE: Protein Kinase C (PKC)-induced Phosphorylation of
ROMK1 Is Essential for the Surface **Expression**
of ROMK1 Channels
AUTHOR(S): Lin, DaoHong; Sterling, Hyacinth; Lerea, Kenneth M.;
Giebisch, Gerhard; Wang, Wen-Hui
CORPORATE SOURCE: Department of Pharmacology, New York Medical College,
Valhalla, NY, 10595, USA
SOURCE: Journal of Biological Chemistry (2002), 277(46),

44278-44284
CODEN: JBCHA3; ISSN: 0021-9258
PUBLISHER: American Society for Biochemistry and Molecular
Biology
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 33 THERE ARE 33 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 86 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2002:819328 HCAPLUS
DOCUMENT NUMBER: 138:284362
TITLE: Protein kinase A site-specific phosphorylation
regulates ATP-binding cassette A1 (ABCA1)-mediated
phospholipid efflux
AUTHOR(S): See, Raymond H.; Caday-Malcolm, Rosalinda A.;
Singaraja, Roshni R.; Zhou, Steven; Silverston,
Anthony; Huber, Mary T.; Moran, Josh; James, Erick R.;
Janoo, Rozmin; Savill, Jane M.; Rigot, Veronique;
Zhang, Lin-Hua; Wang, Minghan; Chimini, Giovanna;
Wellington, Cheryl L.; Tafuri, Sherrie R.; Hayden,
Michael R.
CORPORATE SOURCE: Xenon Genetics Inc., Burnaby, BC, V5G 4W8, Can.
SOURCE: Journal of Biological Chemistry (2002), 277(44),
41835-41842
CODEN: JBCHA3; ISSN: 0021-9258
PUBLISHER: American Society for Biochemistry and Molecular
Biology
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 49 THERE ARE 49 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 87 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2002:404409 HCAPLUS
DOCUMENT NUMBER: 137:152764
TITLE: Alternative splice variants of doublecortin-like
kinase are differentially **expressed** and have
different kinase activities
AUTHOR(S): Burgess, Harold A.; Reiner, Orly
CORPORATE SOURCE: Department of Molecular Genetics, Weizmann Institute
of Science, Rehovot, 76100, Israel
SOURCE: Journal of Biological Chemistry (2002), 277(20),
17696-17705
CODEN: JBCHA3; ISSN: 0021-9258
PUBLISHER: American Society for Biochemistry and Molecular
Biology
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 49 THERE ARE 49 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 88 OF 195 MEDLINE on STN
ACCESSION NUMBER: 2002217152 MEDLINE
DOCUMENT NUMBER: PubMed ID: 11836244
TITLE: MRK, a mixed lineage kinase-related molecule that plays a
role in gamma-radiation-induced cell cycle arrest.
AUTHOR: Gross Eleanor A; Callow Marinella G; Waldbaum Linda;
Thomas Suzanne; Ruggieri Rosamaria
CORPORATE SOURCE: Picower Institute for Medical Research, Manhasset, New York
11030, USA.
CONTRACT NUMBER: CA86858-01 (NCI)
SOURCE: Journal of biological chemistry, (2002 Apr 19) 277 (16)

13873-82. Electronic Publication: 2002-02-08.
Journal code: 2985121R. ISSN: 0021-9258.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
OTHER SOURCE: GENBANK-AF480461; GENBANK-AF480462
ENTRY MONTH: 200206
ENTRY DATE: Entered STN: 20020416
Last Updated on STN: 20030105
Entered Medline: 20020607

L14 ANSWER 89 OF 195 MEDLINE on STN DUPLICATE 19
ACCESSION NUMBER: 2002484132 MEDLINE
DOCUMENT NUMBER: PubMed ID: 12269829
TITLE: Modulation of the **human** protein kinase
C alpha gene promoter by activator protein-2.
COMMENT: Erratum in: Biochemistry 2002 Oct 29;41(43):13116
AUTHOR: Clark Joannah Hackenbruck; Haridasse Vedanandam; Glazer
Robert I
CORPORATE SOURCE: Department of Pharmacology, Lombardi Cancer Center,
Georgetown University School of Medicine, 3970 Reservoir
Road NW, Washington, D.C. 20007, USA.
CONTRACT NUMBER: 2P50 CA 58185-04 (NCI)
R01 NS 34431 (NINDS)
SOURCE: Biochemistry, (2002 Oct 1) 41 (39) 11847-56.
Journal code: 0370623. ISSN: 0006-2960.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
OTHER SOURCE: GENBANK-AF395829
ENTRY MONTH: 200211
ENTRY DATE: Entered STN: 20020925
Last Updated on STN: 20021217
Entered Medline: 20021119

L14 ANSWER 90 OF 195 MEDLINE on STN DUPLICATE 20
ACCESSION NUMBER: 2002365657 MEDLINE
DOCUMENT NUMBER: PubMed ID: 12082174
TITLE: PRKX, a phylogenetically and functionally distinct
cAMP-dependent protein kinase, activates renal epithelial
cell migration and morphogenesis.
AUTHOR: Li Xiaohong; Li Hsi-Ping; Amsler Kurt; Hyink Deborah;
Wilson Patricia D; Burrow Christopher R
CORPORATE SOURCE: Division of Nephrology, Department of Medicine, Mount Sinai
School of Medicine, New York, NY 10029, USA.
CONTRACT NUMBER: 1F32 DK10130 (NIDDK)
ISIORRO 9145-01 (ORS)
R01 DK 40698 (NIDDK)
R01 DK44833 (NIDDK)
SOURCE: Proceedings of the National Academy of Sciences of the
United States of America, (2002 Jul 9) 99 (14) 9260-5.
Electronic Publication: 2002-06-24.
Journal code: 7505876. ISSN: 0027-8424.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200208
ENTRY DATE: Entered STN: 20020712
Last Updated on STN: 20030105
Entered Medline: 20020808

L14 ANSWER 91 OF 195 MEDLINE on STN
 ACCESSION NUMBER: 2002359352 MEDLINE
 DOCUMENT NUMBER: PubMed ID: 12102637
 TITLE: Kinetic mechanism for **human Rho-Kinase**
 II (ROCK-II).
 AUTHOR: Trauger John W; Lin Fen-Fen; Turner Mary S; Stephens
 Jeffrey; LoGrasso Philip V
 CORPORATE SOURCE: Department of Molecular Neuroscience, Merck Research
 Laboratories, 3535 General Atomics Court, San Diego, CA
 92121, USA.
 SOURCE: Biochemistry, (2002 Jul 16) 41 (28) 8948-53.
 Journal code: 0370623. ISSN: 0006-2960.
 PUB. COUNTRY: United States
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 ENTRY MONTH: 200208
 ENTRY DATE: Entered STN: 20020710
 Last Updated on STN: 20020827
 Entered Medline: 20020826

L14 ANSWER 92 OF 195 MEDLINE on STN
 ACCESSION NUMBER: 2002291021 MEDLINE
 DOCUMENT NUMBER: PubMed ID: 12032833
 TITLE: **Cloning** and characterization of PAK5, a novel
 member of mammalian p21-activated kinase-II subfamily that
 is predominantly **expressed** in **brain**.
 AUTHOR: Pandey Akhilesh; Dan Ippeita; Kristiansen Troels Z;
 Watanabe Norinobu M; Voldby Jesper; Kajikawa Eriko;
 Khosravi-Far Roya; Blagoev Blagoy; Mann Matthias
 CORPORATE SOURCE: Center for Experimental Bioinformatics, University of
 Southern Denmark, Campusvej 55, DK-5230 Odense M, Denmark..
 pandey@cebi.sdu.dk
 CONTRACT NUMBER: CA 75447 (NCI)
 SOURCE: Oncogene, (2002 May 30) 21 (24) 3939-48.
 Journal code: 8711562. ISSN: 0950-9232.
 PUB. COUNTRY: England: United Kingdom
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 ENTRY MONTH: 200206
 ENTRY DATE: Entered STN: 20020529
 Last Updated on STN: 20020620
 Entered Medline: 20020619

L14 ANSWER 93 OF 195 MEDLINE on STN DUPLICATE 21
 ACCESSION NUMBER: 2002669869 MEDLINE
 DOCUMENT NUMBER: PubMed ID: 12419947
 TITLE: Further characterization of galloyl pedunculagin as an
 effective autophosphorylation inhibitor of C-kinase in
 vitro.
 AUTHOR: Ueno Takashi; Miyanaga Takahiro; Kawakami Fumitaka; Okano
 Maiko; Tanaka Takashi; Ohtsuki Kenzo
 CORPORATE SOURCE: Genetical Biochemistry, Graduate School of Medical
 Sciences, Kitasato University.
 SOURCE: Biological & pharmaceutical bulletin, (2002 Nov) 25 (11)
 1401-4.
 Journal code: 9311984. ISSN: 0918-6158.
 PUB. COUNTRY: Japan
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals

ENTRY MONTH: 200305
ENTRY DATE: Entered STN: 20021115
Last Updated on STN: 20030503
Entered Medline: 20030502

L14 ANSWER 94 OF 195 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation
on STN

ACCESSION NUMBER: 2002:473229 SCISEARCH

THE GENUINE ARTICLE: 557MG

TITLE: **Human** serum and glucocorticoid-inducible
kinase-like kinase (SGKL) phosphorylates glycogen
syntheses kinase 3 beta (GSK-3 beta) at **serine**-9
through direct interaction

AUTHOR: Dai F Y; Yu L (Reprint); He H; Chen Y J; Yu J Q; Yang Y M;
Xu Y F; Ling W H; Zhao S Y

CORPORATE SOURCE: Fudan Univ, State Key Lab Genet Engn, Inst Genet, Sch Life
Sci, 220 Handan Rd, Shanghai 200433, Peoples R China
(Reprint); Fudan Univ, State Key Lab Genet Engn, Inst
Genet, Sch Life Sci, Shanghai 200433, Peoples R China

COUNTRY OF AUTHOR: Peoples R China

SOURCE: BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, (17
MAY 2002) Vol. 293, No. 4, pp. 1191-1196.

Publisher: ACADEMIC PRESS INC ELSEVIER SCIENCE, 525 B ST,
STE 1900, SAN DIEGO, CA 92101-4495 USA.

ISSN: 0006-291X.

DOCUMENT TYPE: Article; Journal

LANGUAGE: English

REFERENCE COUNT: 30

ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L14 ANSWER 95 OF 195 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
STN

ACCESSION NUMBER: 2002:199551 BIOSIS

DOCUMENT NUMBER: PREV200200199551

TITLE: Phosphorylation of a novel zinc-finger-like protein, ZPR9,
by murine protein **serine/threonine**
kinase 38 (MPK38).

AUTHOR(S): Seong, Hyun-A; Gil, Minchan; Kim, Kyong-Tai; Kim, Sung-Jin;
Ha, Hyunjung [Reprint author]

CORPORATE SOURCE: Department of Biochemistry, School of Life Sciences,
Research Center for Bioresource and Health, Chungbuk
National University, 48 Gaeshin-dong, Cheongju, Chungbuk,
361-763, South Korea
hyunha@cbucc.chungbuk.ac.kr

SOURCE: Biochemical Journal, (1 February, 2002) Vol. 361, No. 3,
pp. 597-604. print.

ISSN: 0264-6021.

DOCUMENT TYPE: Article

LANGUAGE: English

ENTRY DATE: Entered STN: 20 Mar 2002

Last Updated on STN: 20 Mar 2002

L14 ANSWER 96 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2002:18391 HCAPLUS

DOCUMENT NUMBER: 136:244991

TITLE: PAK5, a new **brain**-specific kinase, promotes
neurite outgrowth in N1E-115 cells

AUTHOR(S): Dan, Chuntao; Nath, Niharika; Liberto, Muriel; Minden,
Audrey

CORPORATE SOURCE: Department of Biological Sciences, Columbia
University, New York, NY, 10027, USA

SOURCE: Molecular and Cellular Biology (2002), 22(2), 567-577
CODEN: MCEBD4; ISSN: 0270-7306

PUBLISHER: American Society for Microbiology
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 55 THERE ARE 55 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 97 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2002:18418 HCAPLUS
DOCUMENT NUMBER: 136:228728
TITLE: AR and ER interaction with a p21-activated kinase
(PAK6)
AUTHOR(S): Lee, Suzanne R.; Ramos, Sharon M.; Ko, Andrew;
Masiello, David; Swanson, Kenneth D.; Lu, Michael L.;
Balk, Steven P.
CORPORATE SOURCE: Cancer Biology Program, Hematology-Oncology Division,
Department of Medicine, Beth Israel Deaconess Medical
Center and Harvard Medical School, Boston, MA, 02215,
USA
SOURCE: Molecular Endocrinology (2002), 16(1), 85-99
CODEN: MOENEN; ISSN: 0888-8809
PUBLISHER: Endocrine Society
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 83 THERE ARE 83 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 98 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2002:610207 HCAPLUS
DOCUMENT NUMBER: 137:334496
TITLE: Characterization and purification of truncated
human Rho-kinase II
expressed in Sf-21 cells
AUTHOR(S): Turner, Mary S.; Lin, Fen-Fen; Trauger, John W.;
Stephens, Jeffrey; LoGrasso, Philip
CORPORATE SOURCE: Department of Molecular Neuroscience, Merck Research
Laboratories, San Diego, CA, 92121, USA
SOURCE: Archives of Biochemistry and Biophysics (2002),
405(1), 13-20
CODEN: ABBIA4; ISSN: 0003-9861
PUBLISHER: Elsevier Science
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 41 THERE ARE 41 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 99 OF 195 MEDLINE on STN
ACCESSION NUMBER: 2002359354 MEDLINE
DOCUMENT NUMBER: PubMed ID: 12103360
TITLE: The identification and subcellular localization of human
MRK.
AUTHOR: Yang Tao; Jiang Yunai; Chen Jiangye
CORPORATE SOURCE: State Key Laboratory of Molecular Biology, Institute of
Biochemistry and Cell Biology, Shanghai Institutes for
Biological Sciences, Chinese Academy of Sciences, China.
SOURCE: Biomolecular engineering, (2002 Jun) 19 (1) 1-4.
Journal code: 100928062. ISSN: 1389-0344.
PUB. COUNTRY: Netherlands
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200212
ENTRY DATE: Entered STN: 20020710
Last Updated on STN: 20021228

Entered Medline: 20021227

L14 ANSWER 100 OF 195 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN

ACCESSION NUMBER: 2002:74113 BIOSIS
DOCUMENT NUMBER: PREV200200074113
TITLE: Cell volume-regulated **human kinase**
h-sgk.
AUTHOR(S): Lang, Florian [Inventor, Reprint author]; Waldegger, Siegfried [Inventor]
CORPORATE SOURCE: Im Rotbad 52, 72076 Tübingen, Germany
PATENT INFORMATION: US 6326181 December 04, 2001
SOURCE: Official Gazette of the United States Patent and Trademark Office Patents, (Dec. 4, 2001) Vol. 1253, No. 1.
ftp://ftp.uspto.gov/pub/patdata/. e-file.
CODEN: OGUPE7. ISSN: 0098-1133.
DOCUMENT TYPE: Patent
LANGUAGE: English
ENTRY DATE: Entered STN: 16 Jan 2002
Last Updated on STN: 25 Feb 2002

L14 ANSWER 101 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2001:868653 HCAPLUS
DOCUMENT NUMBER: 136:15959
TITLE: Nucleic acid encoding a **human serine**
/**threonine** protein **kinase** and its
screening and therapeutic uses
INVENTOR(S): Wei, Ming-hi; Zhu, Shiao-ping; Woodage, Trevor; Di
Francesco, Valentina; Beasley, Ellen M.
PATENT ASSIGNEE(S): Applera Corporation, USA
SOURCE: PCT Int. Appl., 66 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001090328	A2	20011129	WO 2001-US16760	20010524
WO 2001090328	A3	20020718		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
US 6482935	B1	20021119	US 2000-691861	20001018
CA 2410081	AA	20011129	CA 2001-2410081	20010524
EP 1290185	A2	20030312	EP 2001-937689	20010524
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
JP 2003534008	T2	20031118	JP 2001-587124	20010524
US 2003022232	A1	20030130	US 2002-259740	20020930
PRIORITY APPLN. INFO.:			US 2000-206550P	P 20000524
			US 2000-691861	A 20001018
			WO 2001-US16760	W 20010524

L14 ANSWER 102 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2001:851391 HCAPLUS

DOCUMENT NUMBER: 136:1716
 TITLE: Novel **human** protein kinase, its cDNA and genomic DNA, and uses thereof
 INVENTOR(S): Wei, Ming-Hui; Chandramouliswara, Ishwar; Ye, Jane; Ketchum, Karen A.; Di Francesco, Valentina; Beasley, Ellen M.
 PATENT ASSIGNEE(S): Applera Corporation, USA
 SOURCE: PCT Int. Appl., 65 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001088148	A2	20011122	WO 2001-US15776	20010517
WO 2001088148	A3	20031016		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
US 2002103116	A1	20020801	US 2000-734032	20001212
US 2002064851	A1	20020530	US 2001-816094	20010326
US 6534299	B2	20030318		
CA 2409148	AA	20011122	CA 2001-2409148	20010517
EP 1373516	A2	20040102	EP 2001-952118	20010517
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
JP 2004507223	T2	20040311	JP 2001-584530	20010517
PRIORITY APPLN. INFO.:			US 2000-205228P	P 20000517
			US 2000-734032	A 20001212
			US 2001-816094	A 20010326
			WO 2001-US15776	W 20010517

L14 ANSWER 103 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2001:763200 HCAPLUS
 DOCUMENT NUMBER: 135:328144
 TITLE: Novel human protein and cDNA sequences of kinases and its therapeutic use
 INVENTOR(S): Plowman, Gregory; Whyte, David; Manning, Gerard; Sudarsanam, Sucha; Martinez, Ricardo; Caenepeel, Sean
 PATENT ASSIGNEE(S): Sugen, Inc., USA
 SOURCE: PCT Int. Appl., 167 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001077338	A2	20011018	WO 2001-US11675	20010410
WO 2001077338	A3	20020829		
W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CO, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG,			

MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL,
TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG,
KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
CA 2404971 AA 20011018 CA 2001-2404971 20010410
EP 1278859 A2 20030129 EP 2001-924901 20010410
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
JP 2003530110 T2 20031014 JP 2001-575192 20010410
US 2003224378 A1 20031204 US 2003-240315 20030225
PRIORITY APPLN. INFO.: US 2000-195953P P 20000410
US 2000-201015P P 20000501
US 2000-213805P P 20000622
WO 2001-US11675 W 20010410

L14 ANSWER 104 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2001:618177 HCAPLUS
DOCUMENT NUMBER: 135:191337
TITLE: Protein and cDNA sequences of novel **human**
kinase homologs and uses thereof in diagnosis,
therapy and drug screening
INVENTOR(S): Walke, D. Wade; Hu, Yi; Nepomnichy, Boris; Turner, C.
Alexander, Jr.; Zambrowicz, Brian
PATENT ASSIGNEE(S): Lexicon Genetics Incorporated, USA
SOURCE: PCT Int. Appl., 70 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001061016	A2	20010823	WO 2001-US5356	20010215
WO 2001061016	A3	20020207		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
CA 2400785	AA	20010823	CA 2001-2400785	20010215
US 2002038011	A1	20020328	US 2001-783320	20010215
EP 1257652	A2	20021120	EP 2001-912839	20010215
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
JP 2003531577	T2	20031028	JP 2001-559853	20010215
PRIORITY APPLN. INFO.:			US 2000-183582P	P 20000218
			US 2000-184014P	P 20000222
			WO 2001-US5356	W 20010215

L14 ANSWER 105 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2001:565235 HCAPLUS
DOCUMENT NUMBER: 135:164088
TITLE: Novel **human** protein **kinases** and
protein **kinase**-like enzymes and their
diagnostic and therapeutic use
INVENTOR(S): Plowman, Gregory; Whyte, David; Manning, Gerard;

PATENT ASSIGNEE(S): Sudarsanam, Sucha; Martinez, Ricardo
 SOURCE: Sugan, Inc., USA
 PCT Int. Appl., 218 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 3
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001055356	A2	20010802	WO 2001-US2337	20010125
WO 2001055356	A3	20020328		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2398430	AA	20010802	CA 2001-2398430	20010125
AU 2001034544	A5	20010807	AU 2001-34544	20010125
EP 1254214	A2	20021106	EP 2001-906658	20010125
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2003520602	T2	20030708	JP 2001-554387	20010125
US 2004048310	A1	20040311	US 2003-182243	20030116
PRIORITY APPLN. INFO.:			US 2000-178078P	P 20000125
			US 2000-179364P	P 20000131
			US 2000-183173P	P 20000217
			US 2000-190162P	P 20000317
			US 2000-193404P	P 20000329
			US 2000-247013P	P 20001113
			WO 2001-US2337	W 20010125

L14 ANSWER 106 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2001:435241 HCAPLUS

DOCUMENT NUMBER: 135:41828

TITLE: Protein and cDNA sequences of a novel **human**
 protein **kinase** homolog and uses thereof in
 diagnosis, therapy and drug screening

INVENTOR(S): Donoho, Gregory; Scoville, John; Turner, C. Alexander,
 Jr.; Friedrich, Glenn; Zambrowicz, Brian; Abuin,
 Alejandro; Sands, Arthur T.

PATENT ASSIGNEE(S): Lexicon Genetics Incorporated, USA

SOURCE: PCT Int. Appl., 31 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001042435	A2	20010614	WO 2000-US33240	20001207
WO 2001042435	A3	20011108		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

CA 2393332 AA 20010614 CA 2000-2393332 20001207
 EP 1240187 A2 20020918 EP 2000-989231 20001207
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR

US 2003064495 A1 20030403 US 2000-733388 20001207
 US 6602698 B2 20030805
 JP 2004504005 T2 20040212 JP 2001-544312 20001207
 US 2004014112 A1 20040122 US 2003-446175 20030527
 US 6806073 B2 20041019
 US 2005079530 A1 20050414 US 2004-936445 20040908

PRIORITY APPLN. INFO.:
 US 1999-169428P P 19991207
 US 2000-733388 A1 20001207
 WO 2000-US33240 W 20001207
 US 2003-446175 A1 20030527

L14 ANSWER 107 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2001:417006 HCAPLUS
 DOCUMENT NUMBER: 135:29886
 TITLE: Protein and cDNA of a **human** protein **kinase 9** and therapeutic use thereof
 INVENTOR(S): Mao, Yumin; Xie, Yi
 PATENT ASSIGNEE(S): Bioroad Gene Development Ltd. Shanghai, Peop. Rep. China
 SOURCE: PCT Int. Appl., 36 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: Chinese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001040298	A1	20010607	WO 2000-CN513	20001127
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CN 1298008	A	20010606	CN 1999-124171	19991130
PRIORITY APPLN. INFO.:			CN 1999-124171	A 19991130
REFERENCE COUNT: 2		THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L14 ANSWER 108 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2001:416993 HCAPLUS
 DOCUMENT NUMBER: 135:41807
 TITLE: Protein and cDNA of a **human** protein **kinase 38** and therapeutic use thereof
 INVENTOR(S): Mao, Yumin; Xie, Yi
 PATENT ASSIGNEE(S): Bioroad Gene Development Ltd. Shanghai, Peop. Rep. China
 SOURCE: PCT Int. Appl., 41 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: Chinese
 FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001040285	A1	20010607	WO 2000-CN501	20001127
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CN 1298010	A	20010606	CN 1999-124161	19991130
PRIORITY APPLN. INFO.:			CN 1999-124161	A 19991130
REFERENCE COUNT:		2	THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT	

L14 ANSWER 109 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2001:397023 HCAPLUS
 DOCUMENT NUMBER: 135:30738
 TITLE: Novel **human** protein **kinases** and protein **kinase**-like enzymes and their cDNA sequences
 INVENTOR(S): Plowman, Gregory D.; Whyte, David; Manning, Gerard; Sudarsanam, Sucha; Martinez, Ricardo; Flanagan, Peter; Clary, Douglas
 PATENT ASSIGNEE(S): Sugan, Inc., USA
 SOURCE: PCT Int. Appl., 433 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001038503	A2	20010531	WO 2000-US32085	20001122
WO 2001038503	A3	20020131		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2394803	AA	20010531	CA 2000-2394803	20001122
EP 1240194	A2	20020918	EP 2000-982200	20001122
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2003514583	T2	20030422	JP 2001-540254	20001122
PRIORITY APPLN. INFO.:			US 1999-167482P	A1 19991124
			WO 2000-US32085	W 20001122

L14 ANSWER 110 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2001:319936 HCAPLUS
 DOCUMENT NUMBER: 134:336709
 TITLE: **Cloning** of cDNA for a **human** **serine/threonine kinase** 29, its **expressing** and therapeutic use

INVENTOR(S): Mao, Yumin; Xie, Yi
 PATENT ASSIGNEE(S): Shanghai Bio Road Gene Development Ltd., Peop. Rep. China
 SOURCE: PCT Int. Appl., 31 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: Chinese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001030826	A1	20010503	WO 2000-CN392	20001027
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CN 1303945	A	20010718	CN 1999-119860	19991027
PRIORITY APPLN. INFO.:			CN 1999-119860	A 19991027
REFERENCE COUNT:	2	THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L14 ANSWER 111 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2001:247510 HCAPLUS
 DOCUMENT NUMBER: 134:261891
 TITLE: Protein and cDNA sequences of **human serine/threonine protein kinase** and uses thereof in diagnosis, therapy and drug screening
 INVENTOR(S): Donoho, Gregory; Turner, C. Alexander, Jr.; Nehls, Michael; Friedrich, Glenn; Zambrowicz, Brian; Sands, Arthur T.
 PATENT ASSIGNEE(S): Lexicon Genetics Incorporated, USA
 SOURCE: PCT Int. Appl., 38 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001023579	A1	20010405	WO 2000-US26621	20000927
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2386213	AA	20010405	CA 2000-2386213	20000927
EP 1220927	A1	20020710	EP 2000-966996	20000927
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
JP 2003510082	T2	20030318	JP 2001-526961	20000927
US 6716616	B1	20040406	US 2000-671050	20000927

EP 1484408 A1 20041208 EP 2004-19791 20000927
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, FI, CY
 US 2005042626 A1 20050224 US 2004-766691 20040128
 PRIORITY APPLN. INFO.: US 1999-156511P P 19990928
 EP 2000-966996 A3 20000927
 US 2000-671050 A1 20000927
 WO 2000-US26621 W 20000927
 REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 112 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2001:626902 HCAPLUS
 DOCUMENT NUMBER: 135:207450
 TITLE: **Human** MAPKK-like protein kinase
 TOPK, produced by membrane lymphotoxin (mLT) positive
 lymphokine-activated killer T-cells, specifically
expressed in the **testis** and
 activated lymphoid cells
 INVENTOR(S): Abe, Yasuto
 PATENT ASSIGNEE(S): Foundation for Scientific Technology Promotion, Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 11 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2001231568	A2	20010828	JP 2000-44308	20000222
PRIORITY APPLN. INFO.:			JP 2000-44308	20000222

L14 ANSWER 113 OF 195 MEDLINE on STN DUPLICATE 22
 ACCESSION NUMBER: 2001678502 MEDLINE
 DOCUMENT NUMBER: PubMed ID: 11546806
 TITLE: **Cloning** and characterization of a p53-related
 protein kinase **expressed** in interleukin-2-
 activated cytotoxic T-cells, epithelial tumor cell lines,
 and the **testes**.
 AUTHOR: Abe Y; Matsumoto S; Wei S; Nezu K; Miyoshi A; Kito K; Ueda
 N; Shigemoto K; Hitsumoto Y; Nikawa J; Enomoto Y
 CORPORATE SOURCE: First Department of Pathology and Hygiene, Ehime University
 School of Medicine, Shigenobu, Ehime 791-0295, Japan..
 yasuhito@m.ehime-u.ac.jp
 SOURCE: Journal of biological chemistry, (2001 Nov 23) 276 (47)
 44003-11. Electronic Publication: 2001-09-06.
 Journal code: 2985121R. ISSN: 0021-9258.
 PUB. COUNTRY: United States
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 OTHER SOURCE: GENBANK-AB017505; GENBANK-AB028045
 ENTRY MONTH: 200112
 ENTRY DATE: Entered STN: 20011129
 Last Updated on STN: 20030105
 Entered Medline: 20011220

L14 ANSWER 114 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2001:783499 HCAPLUS
 DOCUMENT NUMBER: 136:304881
 TITLE: Sak **serine-threonine** kinase acts
 as an effector of Tec tyrosine kinase

AUTHOR(S) : Yamashita, Yoshihiro; Kajigaya, Sachiko; Yoshida, Koji; Ueno, Shuichi; Ota, Jun; Ohmine, Ken; Ueda, Masuzu; Miyazato, Akira; Ohya, Ken-Ichi; Kitamura, Toshio; Ozawa, Keiya; Mano, Hiroyuki
 CORPORATE SOURCE: Functional Genomics, Jichi Medical School, Tochigi, 329-0498, Japan
 SOURCE: Journal of Biological Chemistry (2001), 276(42), 39012-39020
 CODEN: JBCHA3; ISSN: 0021-9258
 PUBLISHER: American Society for Biochemistry and Molecular Biology
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 REFERENCE COUNT: 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 115 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2001:590986 HCAPLUS
 DOCUMENT NUMBER: 136:196002
 TITLE: Two splice variants of protein kinase By have different regulatory capacity depending on the presence or absence of the regulatory phosphorylation site **serine** 472 in the carboxyl-terminal hydrophobic domain
 AUTHOR(S) : Brodbeck, Daniela; Hill, Michelle M.; Hemmings, Brian A.
 CORPORATE SOURCE: Friedrich Miescher-Institut, Basel, 4002, Switz.
 SOURCE: Journal of Biological Chemistry (2001), 276(31), 29550-29558
 CODEN: JBCHA3; ISSN: 0021-9258
 PUBLISHER: American Society for Biochemistry and Molecular Biology
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 REFERENCE COUNT: 67 THERE ARE 67 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 116 OF 195 MEDLINE on STN
 ACCESSION NUMBER: 2001347515 MEDLINE
 DOCUMENT NUMBER: PubMed ID: 11306563
 TITLE: **Cloning** and characterization of MST4, a novel Ste20-like kinase.
 AUTHOR: Qian Z; Lin C; Espinosa R; LeBeau M; Rosner M R
 CORPORATE SOURCE: Ben May Institute for Cancer Research and Department of Medicine, University of Chicago, Chicago, Illinois 60637, USA.
 CONTRACT NUMBER: CA40046 (NCI)
 NS 33858 (NINDS)
 T32 GM07151 (NIGMS)
 SOURCE: Journal of biological chemistry, (2001 Jun 22) 276 (25) 22439-45. Electronic Publication: 2001-04-16.
 Journal code: 2985121R. ISSN: 0021-9258.
 PUB. COUNTRY: United States
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 ENTRY MONTH: 200107
 ENTRY DATE: Entered STN: 20010723
 Last Updated on STN: 20030105
 Entered Medline: 20010719

L14 ANSWER 117 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2001:729015 HCAPLUS

DOCUMENT NUMBER: 136:18718
 TITLE: A phosphatidylinositol 3-kinase/Akt pathway promotes translocation of Mdm2 from the cytoplasm to the nucleus
 AUTHOR(S): Mayo, Lindsey D.; Donner, David B.
 CORPORATE SOURCE: Department of Microbiology and Immunology, Indiana University School of Medicine, Indianapolis, IN, 46202, USA
 SOURCE: Proceedings of the National Academy of Sciences of the United States of America (2001), 98(20), 11598-11603
 CODEN: PNASA6; ISSN: 0027-8424
 PUBLISHER: National Academy of Sciences
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 REFERENCE COUNT: 47 THERE ARE 47 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 118 OF 195 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN

ACCESSION NUMBER: 2001:537014 BIOSIS
 DOCUMENT NUMBER: PREV200100537014
 TITLE: The phosphatidylinositol 3'-kinase p85alpha gene is an oncogene in human ovarian and colon tumors.
 AUTHOR(S): Philp, Amanda J.; Campbell, Ian G.; Leet, Christine; Vincan, Elizabeth; Rockman, Steven P.; Whitehead, Robert H.; Thomas, Robert J. S.; Phillips, Wayne A. [Reprint author]
 CORPORATE SOURCE: Trescowthick Research Laboratories, Peter MacCallum Cancer Institute, A'Beckett Street, Melbourne, Victoria, 8006, Australia
 w.phillips@pmci.unimelb.edu.au
 SOURCE: Cancer Research, (October 15, 2001) Vol. 61, No. 20, pp. 7426-7429. print.
 CODEN: CNREA8. ISSN: 0008-5472.
 DOCUMENT TYPE: Article
 LANGUAGE: English
 ENTRY DATE: Entered STN: 14 Nov 2001
 Last Updated on STN: 25 Feb 2002

L14 ANSWER 119 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2001:711043 HCAPLUS
 DOCUMENT NUMBER: 136:275290
 TITLE: WNK kinases, a novel protein kinase subfamily in multi-cellular organisms
 AUTHOR(S): Verissimo, Fatima; Jordan, Peter
 CORPORATE SOURCE: Centre for Human Genetics, National Institute of Health "Dr. Ricardo Jorge", Lisbon, 1649-016, Port.
 SOURCE: Oncogene (2001), 20(39), 5562-5569
 CODEN: ONCNES; ISSN: 0950-9232
 PUBLISHER: Nature Publishing Group
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 REFERENCE COUNT: 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 120 OF 195 EMBASE COPYRIGHT 2005 ELSEVIER INC. ALL RIGHTS RESERVED. on STN

ACCESSION NUMBER: 2003466641 EMBASE
 TITLE: Molecular **cloning** and characterization of the **human protein kinase D2**: A novel member of the protein kinase D family of **serine threonine** kinases.
 AUTHOR: Sturany S.; Van Lin J.; Muller F.; Wilda M.; Hameister H.;

Hocker M.; Brey A.; Gern U.; Vandenheede J.; Gress T.;
 Adler G.; Seufferlein T.
 CORPORATE SOURCE: T. Seufferlein, Abt. Innere Medizin I, Medizinische
 Universitätsklinik Ulm, Robert Koch Strasse 8, Ulm D-89081,
 Germany. thomas.seufferlein@medizin.uni-ulm.de
 SOURCE: Journal of Biological Chemistry, (2 Feb 2001) Vol. 276, No.
 5, pp. 3310-3318.
 Refs: 31
 ISSN: 0021-9258 CODEN: JBCHA3
 COUNTRY: United States
 DOCUMENT TYPE: Journal; Article
 FILE SEGMENT: 029 Clinical Biochemistry
 LANGUAGE: English
 SUMMARY LANGUAGE: English
 ENTRY DATE: Entered STN: 20031230
 Last Updated on STN: 20031230

L14 ANSWER 121 OF 195 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation
 on STN

ACCESSION NUMBER: 2001:624617 SCISEARCH
 THE GENUINE ARTICLE: 459QA
 TITLE: CrkRS: a novel conserved Cdc2-related protein kinase that
 colocalises with SC35 speckles
 AUTHOR: Ko T K; Kelly E; Pines J (Reprint)
 CORPORATE SOURCE: Wellcome CRC Inst, Tennis Court Rd, Cambridge CB2 1QR,
 England (Reprint); Wellcome CRC Inst, Cambridge CB2 1QR,
 England
 COUNTRY OF AUTHOR: England
 SOURCE: JOURNAL OF CELL SCIENCE, (JUL 2001) Vol. 114, No. 14, pp.
 2591-2603.
 Publisher: COMPANY OF BIOLOGISTS LTD, BIDDER BUILDING
 CAMBRIDGE COMMERCIAL PARK COWLEY RD, CAMBRIDGE CB4 4DL,
 CAMBS, ENGLAND.
 ISSN: 0021-9533.
 DOCUMENT TYPE: Article; Journal
 LANGUAGE: English
 REFERENCE COUNT: 46

ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L14 ANSWER 122 OF 195 MEDLINE on STN
 ACCESSION NUMBER: 2001297551 MEDLINE
 DOCUMENT NUMBER: PubMed ID: 11378444
 TITLE: PDZ-binding kinase participates in spermatogenesis.
 AUTHOR: Zhao S; Dai J; Zhao W; Xia F; Zhou Z; Wang W; Gu S; Ying K;
 Xie Y; Mao Y
 CORPORATE SOURCE: State Key Laboratory of Genetic Engineering, Institute of
 Genetics, School of Life Sciences, Fudan University,
 200433, Shanghai, China.
 SOURCE: international journal of biochemistry & cell biology, (2001
 Jun) 33 (6) 631-6.
 Journal code: 9508482. ISSN: 1357-2725.
 PUB. COUNTRY: England: United Kingdom
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 OTHER SOURCE: GENBANK-AF237709
 ENTRY MONTH: 200111
 ENTRY DATE: Entered STN: 20011105
 Last Updated on STN: 20020420
 Entered Medline: 20011101

L14 ANSWER 123 OF 195 MEDLINE on STN DUPLICATE 23
 ACCESSION NUMBER: 2001644586 MEDLINE

DOCUMENT NUMBER: PubMed ID: 11696980
 TITLE: Identification of the human homologue of the early-growth response gene Snk, encoding a serum-inducible kinase.
 AUTHOR: Liby K; Wu H; Ouyang B; Wu S; Chen J; Dai W
 CORPORATE SOURCE: Department of Cell Biology, University of Cincinnati College of Medicine, USA.
 CONTRACT NUMBER: CA74299 (NCI)
 SOURCE: DNA sequence : journal of DNA sequencing and mapping, (2001) 11 (6) 527-33.
 Journal code: 9107800. ISSN: 1042-5179.
 PUB. COUNTRY: Switzerland
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 OTHER SOURCE: GENBANK-AF059617
 ENTRY MONTH: 200201
 ENTRY DATE: Entered STN: 20011108
 Last Updated on STN: 20020420
 Entered Medline: 20020130

L14 ANSWER 124 OF 195 MEDLINE on STN DUPLICATE 24
 ACCESSION NUMBER: 2001390803 MEDLINE
 DOCUMENT NUMBER: PubMed ID: 11444856
 TITLE: Identification and characterization of a novel **human testis-specific kinase** substrate gene which is downregulated in testicular tumors.
 AUTHOR: Scorilas A; Yousef G M; Jung K; Rajpert-De Meyts E; Carsten S; Diamandis E P
 CORPORATE SOURCE: Department of Pathology and Laboratory Medicine, Mount Sinai Hospital, Toronto, Ontario M5G 1X5, Canada.
 SOURCE: Biochemical and biophysical research communications, (2001 Jul 13) 285 (2) 400-8.
 Journal code: 0372516. ISSN: 0006-291X.
 PUB. COUNTRY: United States
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 OTHER SOURCE: GENBANK-AF200923
 ENTRY MONTH: 200108
 ENTRY DATE: Entered STN: 20010820
 Last Updated on STN: 20010820
 Entered Medline: 20010816

L14 ANSWER 125 OF 195 MEDLINE on STN DUPLICATE 25
 ACCESSION NUMBER: 2001393555 MEDLINE
 DOCUMENT NUMBER: PubMed ID: 11170754
 TITLE: Molecular characterization of a cDNA encoding functional **human CLK4 kinase** and localization to chromosome 5q35 [correction of 4q35].
 COMMENT: Erratum in: Genomics 2001 Jun 1;74(2):251
 AUTHOR: Schultz J; Jones T; Bork P; Sheer D; Blencke S; Steyrer S; Wellbrock U; Bevec D; Ullrich A; Wallasch C
 CORPORATE SOURCE: Axxima Pharmaceuticals AG, Am Klopferspitz 19, Martinsried, D-82152, Germany.
 SOURCE: Genomics, (2001 Feb 1) 71 (3) 368-70.
 Journal code: 8800135. ISSN: 0888-7543.
 PUB. COUNTRY: United States
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 OTHER SOURCE: GENBANK-AA449725; GENBANK-AA631990; GENBANK-AF294429; GENBANK-AI004959; GENBANK-AI039778; GENBANK-AI094075; GENBANK-H29221

ENTRY MONTH: 200107
ENTRY DATE: Entered STN: 20010716
Last Updated on STN: 20020420
Entered Medline: 20010712

L14 ANSWER 126 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2001:342681 HCAPLUS
DOCUMENT NUMBER: 135:340712
TITLE: Identification and characterization of a novel
sucrose-non-fermenting protein kinase/AMP-activated
protein kinase-related protein kinase, SNARK
AUTHOR(S): Lefebvre, Diana L.; Bai, Yahong; Shahmolky, Nazanin;
Sharma, Monika; Poon, Raymond; Drucker, Daniel J.;
Rosen, Cheryl F.
CORPORATE SOURCE: Department of Medicine, Division of Dermatology,
Banting Institute, Toronto General Hospital, Toronto,
ON, M5G 1L5, Can.
SOURCE: Biochemical Journal (2001), 355(2), 297-305
CODEN: BIJOAK; ISSN: 0264-6021
PUBLISHER: Portland Press Ltd.
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 45 THERE ARE 45 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 127 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2001:272250 HCAPLUS
DOCUMENT NUMBER: 136:49086
TITLE: Identification and cellular localization of human
PFTAIRE1
AUTHOR(S): Yang, T.; Chen, J.-y.
CORPORATE SOURCE: State Key Laboratory of Molecular Biology, Institute
of Biochemistry and Cell Biology, Shanghai Institutes
for Biological Sciences, 320 Yue-yang Road, Chinese
Academy of Sciences, Shanghai, 200031, Peop. Rep.
China
SOURCE: Gene (2001), 267(2), 165-172
CODEN: GENED6; ISSN: 0378-1119
PUBLISHER: Elsevier Science B.V.
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 128 OF 195 MEDLINE on STN
ACCESSION NUMBER: 2001570699 MEDLINE
DOCUMENT NUMBER: PubMed ID: 11678424
TITLE: Increased **human** polo-like **kinase-1**
expression in gliomas.
AUTHOR: Dietzmann K; Kirches E; von Bossanyi; Jachau K; Mawrin C
CORPORATE SOURCE: Institute of Neuropathology, Otto-von-Guericke University
of Magdeburg, Germany.. Knut.Dietzmann@Medizin.Uni-
Magdeburg.DE
SOURCE: Journal of neuro-oncology, (2001 May) 53 (1) 1-11.
Journal code: 8309335. ISSN: 0167-594X.
PUB. COUNTRY: Netherlands
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200203
ENTRY DATE: Entered STN: 20011029
Last Updated on STN: 20021218
Entered Medline: 20020319

L14 ANSWER 129 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2000:756527 HCAPLUS
 DOCUMENT NUMBER: 133:325643
 TITLE: Antifibrotic formulations containing inhibitors of
 cell-volume-regulated **human kinase**
 h-sgk
 INVENTOR(S): Lang, Florian; Waldegger, Siegfried; Wagner, Carsten;
 Broer, Stefan; Klingel, Karin
 PATENT ASSIGNEE(S): Germany
 SOURCE: PCT Int. Appl., 32 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000062781	A1	20001026	WO 2000-EP3578	20000419
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
DE 19917990	A1	20001102	DE 1999-19917990	19990420
CA 2369078	AA	20001026	CA 2000-2369078	20000419
BR 2000009914	A	20020108	BR 2000-9914	20000419
EP 1171131	A1	20020116	EP 2000-922655	20000419
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2002542196	T2	20021210	JP 2000-611917	20000419
AU 779941	B2	20050217	AU 2000-42972	20000419
NO 2001005054	A	20011214	NO 2001-5054	20011017
ZA 2001008610	A	20020102	ZA 2001-8610	20011019
US 2005064501	A1	20050324	US 2004-984945	20041110
PRIORITY APPLN. INFO.:			DE 1999-19917990	A 19990420
			WO 2000-EP3578	W 20000419
			US 2002-959235	A3 20020219
REFERENCE COUNT:	17	THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L14 ANSWER 130 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2000:688350 HCAPLUS
 DOCUMENT NUMBER: 133:263211
 TITLE: **Human** protein **kinase** Akt3 nucleic acids, polypeptides, and biological functions and applications
 INVENTOR(S): Guo, Kun; Pagnoni, Marco F.; Clark, Kenneth L.; Ivashchenko, Yuri D.
 PATENT ASSIGNEE(S): Aventis Pharmaceuticals Products Inc., USA
 SOURCE: PCT Int. Appl., 73 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2000056866	A2	20000928	WO 2000-US6574	20000314
WO 2000056866	A3	20010215		
WO 2000056866	C2	20020829		
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2343074	AA	20000928	CA 2000-2343074	20000314
EP 1144600	A2	20011017	EP 2000-917899	20000314
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO				
BR 2000009170	A	20020430	BR 2000-9170	20000314
JP 2002539781	T2	20021126	JP 2000-606725	20000314
NO 2001004537	A	20011031	NO 2001-4537	20010918
ZA 2001008414	A	20030113	ZA 2001-8414	20011012
PRIORITY APPLN. INFO.:			US 1999-125108P	P 19990319
			WO 2000-US6574	W 20000314

L14 ANSWER 131 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2000:608914 HCAPLUS
 DOCUMENT NUMBER: 133:188912
 TITLE: Protein and cDNA sequences of a novel type of **serine/threonine** kinase that specifically phosphorylates the Goodpasture antigen
 INVENTOR(S): Saus, Juan
 PATENT ASSIGNEE(S): Spain
 SOURCE: PCT Int. Appl., 159 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000050607	A2	20000831	WO 2000-IB324	20000224
WO 2000050607	A3	20001130		
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2361987	AA	20000831	CA 2000-2361987	20000224
EP 1144650	A2	20011017	EP 2000-911146	20000224
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
AU 760197	B2	20030508	AU 2000-33140	20000224
JP 2003525023	T2	20030826	JP 2000-601171	20000224
PRIORITY APPLN. INFO.:			US 1999-121483P	P 19990224
			WO 2000-IB324	W 20000224

L14 ANSWER 132 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2000:441910 HCAPLUS

DOCUMENT NUMBER: 133:86107
 TITLE: **Cloning, expression, sequence and therapeutic applications of human Akt-3 protein kinase**
 INVENTOR(S): Masure, Stefan Leo Jozef; Richardson, Alan
 PATENT ASSIGNEE(S): Janssen Pharmaceutica N.V., Belg.
 SOURCE: PCT Int. Appl., 61 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000037613	A2	20000629	WO 1999-GB4311	19991217
WO 2000037613	A3	20001116		
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2355834	AA	20000629	CA 1999-2355834	19991217
EP 1141326	A2	20011010	EP 1999-962361	19991217
EP 1141326	B1	20050420		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2002535964	T2	20021029	JP 2000-589669	19991217
NZ 512933	A	20031128	NZ 1999-512933	19991217
AU 774718	B2	20040708	AU 2000-18732	19991217
PRIORITY APPLN. INFO.:			GB 1998-28375	A 19981222
			WO 1999-GB4311	W 19991217

L14 ANSWER 133 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2000:155201 HCAPLUS
 DOCUMENT NUMBER: 132:204847
 TITLE: **Nucleic acid encoding human STE20-like signal transduction serine/threonine kinase**
 INVENTOR(S): Norris, Tyrrell Errick; Moore, William Craig; Silberstein, David Shay
 PATENT ASSIGNEE(S): Zeneca Limited, UK
 SOURCE: U.S., 30 pp., Cont.-in-part of U.S. Ser. No. 211,930.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6034228	A	20000307	US 1999-340993	19990625
US 5962265	A	19991005	US 1998-211930	19981215
US 6300098	B1	20011009	US 1999-468442	19991221
PRIORITY APPLN. INFO.:			US 1998-211930	A2 19981215
			GB 1997-26851	A 19971219
			US 1999-340993	A3 19990625

REFERENCE COUNT: 24 THERE ARE 24 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 134 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2000:341453 HCAPLUS
 DOCUMENT NUMBER: 133:131554
 TITLE: Characterization of PDZ-binding kinase, a mitotic kinase
 AUTHOR(S): Gaudet, Suzanne; Branton, Daniel; Lue, Robert A.
 CORPORATE SOURCE: Department of Molecular and Cellular Biology, Harvard University, Cambridge, MA, 02138, USA
 SOURCE: Proceedings of the National Academy of Sciences of the United States of America (2000), 97(10), 5167-5172
 CODEN: PNASA6; ISSN: 0027-8424
 PUBLISHER: National Academy of Sciences
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 REFERENCE COUNT: 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 135 OF 195 MEDLINE on STN DUPLICATE 26
 ACCESSION NUMBER: 2000332247 MEDLINE
 DOCUMENT NUMBER: PubMed ID: 10871863
 TITLE: Molecular **cloning** of a novel **human** protein **kinase**, kpm, that is homologous to warts/lats, a Drosophila tumor suppressor.
 AUTHOR: Hori T; Takaori-Kondo A; Kamikubo Y; Uchiyama T
 CORPORATE SOURCE: Department of Hematology and Oncology, Graduate School of Medicine, Kyoto University, Kyoto, Japan.
 SOURCE: Oncogene, (2000 Jun 22) 19 (27) 3101-9.
 Journal code: 8711562. ISSN: 0950-9232.
 PUB. COUNTRY: ENGLAND: United Kingdom
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 OTHER SOURCE: GENBANK-AF207547
 ENTRY MONTH: 200007
 ENTRY DATE: Entered STN: 20000728
 Last Updated on STN: 20020420
 Entered Medline: 20000719

L14 ANSWER 136 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2000:269860 HCAPLUS
 DOCUMENT NUMBER: 133:172827
 TITLE: Identification of variants and dual promoters of murine **serine/threonine** kinase KKIAMRE
 AUTHOR(S): Sassa, Takayuki; Gomi, Hiroshi; Sun, William; Ikeda, Toshio; Thompson, Richard F.; Itohara, Shigeyoshi
 CORPORATE SOURCE: Laboratory for Behavioral Genetics, Brain Science Institute, RIKEN, Saitama, 351-0198, Japan
 SOURCE: Journal of Neurochemistry (2000), 74(5), 1809-1819
 CODEN: JONRA9; ISSN: 0022-3042
 PUBLISHER: Lippincott Williams & Wilkins
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 REFERENCE COUNT: 39 THERE ARE 39 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 137 OF 195 MEDLINE on STN DUPLICATE 27
 ACCESSION NUMBER: 2000483169 MEDLINE
 DOCUMENT NUMBER: PubMed ID: 10990492
 TITLE: Isolation and **expression** of PASK, a **serine/threonine** kinase, during rat embryonic development, with special emphasis on the

pancreas.
 AUTHOR: Miao N; Fung B; Sanchez R; Lydon J; Barker D; Pang K
 CORPORATE SOURCE: Ontogeny, Inc., Cambridge, Massachusetts 02138-1118, USA.
 SOURCE: journal of histochemistry and cytochemistry : official
 journal of the Histochemistry Society, (2000 Oct) 48 (10)
 1391-400.
 Journal code: 9815334. ISSN: 0022-1554.
 PUB. COUNTRY: United States
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 ENTRY MONTH: 200010
 ENTRY DATE: Entered STN: 20001019
 Last Updated on STN: 20020420
 Entered Medline: 20001010

L14 ANSWER 138 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2000:825593 HCAPLUS
 DOCUMENT NUMBER: 134:174645
 TITLE: Identification and characterization of human Wee1B, a
 new member of the Wee1 family of Cdk-inhibitory
 kinases
 AUTHOR(S): Nakanishi, Makoto; Ando, Hitomi; Watanabe, Nobumoto;
 Kitamura, Kenzo; Ito, Kenji; Okayama, Hiroto;
 Miyamoto, Tomomi; Agui, Takashi; Sasaki, Makoto
 CORPORATE SOURCE: Department of Biochemistry, Nagoya City University
 Medical School, Nagoya, 467-8601, Japan
 SOURCE: Genes to Cells (2000), 5(10), 839-847
 CODEN: GECEFL; ISSN: 1356-9597
 PUBLISHER: Blackwell Science Ltd.
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 REFERENCE COUNT: 37 THERE ARE 37 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 139 OF 195 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation
 on STN
 ACCESSION NUMBER: 2000:914148 SCISEARCH
 THE GENUINE ARTICLE: 378CE
 TITLE: Genomic organization, **expression**, and chromosome
 localization of a third aurora-related kinase gene, Aiel
 AUTHOR: Hu H M; Chuang C K; Lee M J; Tseng T C; Tang T K (Reprint)
 CORPORATE SOURCE: ACAD SINICA, INST BIOMED SCI, 128 YEN CHIN YUAN RD, SEC 2,
 TAIPEI 115, TAIWAN (Reprint); ACAD SINICA, INST BIOMED
 SCI, TAIPEI 115, TAIWAN; NATL DEF MED CTR, INST LIFE SCI,
 TAIPEI, TAIWAN
 COUNTRY OF AUTHOR: TAIWAN
 SOURCE: DNA AND CELL BIOLOGY, (NOV 2000) Vol. 19, No. 11, pp.
 679-688.
 Publisher: MARY ANN LIEBERT INC PUBL, 2 MADISON AVENUE,
 LARCHMONT, NY 10538.
 ISSN: 1044-5498.
 DOCUMENT TYPE: Article; Journal
 FILE SEGMENT: LIFE
 LANGUAGE: English
 REFERENCE COUNT: 28
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L14 ANSWER 140 OF 195 MEDLINE on STN DUPLICATE 28
 ACCESSION NUMBER: 2001076688 MEDLINE
 DOCUMENT NUMBER: PubMed ID: 11060497
 TITLE: Functional implication of **human serine/**
threonine kinase, hAIK, in cell cycle

progression.
 AUTHOR: Yang S C; Huang C H; Chen N J; Chou C K; Lin C H
 CORPORATE SOURCE: Institute of Microbiology and Immunology, National
 Yang-Ming University, Taipei, Taiwan, ROC.
 SOURCE: Journal of biomedical science, (2000 Nov-Dec) 7 (6) 484-93.
 Journal code: 9421567. ISSN: 1021-7770.
 PUB. COUNTRY: Switzerland
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 ENTRY MONTH: 200101
 ENTRY DATE: Entered STN: 20010322
 Last Updated on STN: 20020420
 Entered Medline: 20010111

L14 ANSWER 141 OF 195 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
 STN

ACCESSION NUMBER: 2001:102753 BIOSIS
 DOCUMENT NUMBER: PREV200100102753
 TITLE: Molecular **cloning** and characterization of
human glycogen synthase **kinase-3alpha**
 promoter.
 AUTHOR(S): Lee, K. F. [Reprint author]; Chan, J. Y. C. [Reprint
 author]; Lau, K. F. [Reprint author]; Lee, W. C. [Reprint
 author]; Miller, C. C. J.; Anderton, B. H.; Shaw, P. C.
 [Reprint author]
 CORPORATE SOURCE: Department of Biochemistry, Chinese University of Hong
 Kong, Hong Kong, China
 SOURCE: Biochemical Society Transactions, (October, 2000) Vol. 28,
 No. 5, pp. A306. print.
 Meeting Info.: 18th International Congress of Biochemistry
 and Molecular Biology. Birmingham, UK. July 16-20, 2000.
 International Union of Biochemistry and Molecular Biology;
 Federation of European Biochemical Societies; Biochemical
 Society.
 CODEN: BCSTB5. ISSN: 0300-5127.
 DOCUMENT TYPE: Conference; (Meeting)
 Conference; Abstract; (Meeting Abstract)
 LANGUAGE: English
 ENTRY DATE: Entered STN: 28 Feb 2001
 Last Updated on STN: 15 Feb 2002

L14 ANSWER 142 OF 195 MEDLINE on STN DUPLICATE 29

ACCESSION NUMBER: 2001074202 MEDLINE
 DOCUMENT NUMBER: PubMed ID: 11087665
 TITLE: Characterization of PSKH1, a novel **human** protein
serine kinase with centrosomal, golgi,
 and nuclear localization.
 AUTHOR: Brede G; Solheim J; Troen G; Prydz H
 CORPORATE SOURCE: Biotechnology Center of Oslo, University of Oslo,
 Gaustadalleen 21, Oslo, 0349, Norway.
 SOURCE: Genomics, (2000 Nov 15) 70 (1) 82-92.
 Journal code: 8800135. ISSN: 0888-7543.
 PUB. COUNTRY: United States
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 OTHER SOURCE: GENBANK-AJ272211; GENBANK-AJ272212
 ENTRY MONTH: 200101
 ENTRY DATE: Entered STN: 20010322
 Last Updated on STN: 20020420
 Entered Medline: 20010104

L14 ANSWER 143 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 1999:315403 HCAPLUS
 DOCUMENT NUMBER: 131:99243
 TITLE: Characterization of a novel type of **serine/threonine** kinase that specifically phosphorylates the human Goodpasture antigen
 AUTHOR(S): Raya, Angel; Revert, Fernando; Navarro, Samuel; Saus, Juan
 CORPORATE SOURCE: Fundacion Valenciana de Investigaciones Biomedicas, Instituto de Investigaciones Citologicas, Valencia, 46010, Spain
 SOURCE: Journal of Biological Chemistry (1999), 274(18), 12642-12649
 CODEN: JBCHA3; ISSN: 0021-9258
 PUBLISHER: American Society for Biochemistry and Molecular Biology
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 REFERENCE COUNT: 41 THERE ARE 41 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 144 OF 195 MEDLINE on STN
 ACCESSION NUMBER: 1999167501 MEDLINE
 DOCUMENT NUMBER: PubMed ID: 10066797
 TITLE: Cell cycle-dependent **expression** and centrosome localization of a third **human** aurora/Ipl1-related protein **kinase**, AIK3.
 AUTHOR: Kimura M; Matsuda Y; Yoshioka T; Okano Y
 CORPORATE SOURCE: Department of Molecular Pathobiochemistry, Gifu University School of Medicine, Tsukasamachi-40, Gifu 500-8705, Japan.
 SOURCE: Journal of biological chemistry, (1999 Mar 12) 274 (11) 7334-40.
 Journal code: 2985121R. ISSN: 0021-9258.
 PUB. COUNTRY: United States
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 OTHER SOURCE: GENBANK-AB017332
 ENTRY MONTH: 199904
 ENTRY DATE: Entered STN: 19990426
 Last Updated on STN: 20020420
 Entered Medline: 19990413

L14 ANSWER 145 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 1999:714527 HCAPLUS
 DOCUMENT NUMBER: 132:45656
 TITLE: Mammalian homologues of the plant Tousled gene code for cell-cycle-regulated kinases with maximal activities linked to ongoing DNA replication
 AUTHOR(S): Sillje, H. H. W.; Takahashi, K.; Tanaka, K.; Van Houwe, G.; Nigg, E. A.
 CORPORATE SOURCE: Department of Molecular Biology, Sciences II, 30 quai Ernest-Ansermet, University of Geneva, Geneva, CH-1211/4, Switz.
 SOURCE: EMBO Journal (1999), 18(20), 5691-5702
 CODEN: EMJODG; ISSN: 0261-4189
 PUBLISHER: Oxford University Press
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 REFERENCE COUNT: 31 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 146 OF 195 MEDLINE on STN DUPLICATE 30

ACCESSION NUMBER: 1999417672 MEDLINE
 DOCUMENT NUMBER: PubMed ID: 10486203
 TITLE: Molecular **cloning** and characterization of the **human** glycogen synthase **kinase-3beta** promoter.
 AUTHOR: Lau K F; Miller C C; Anderton B H; Shaw P C
 CORPORATE SOURCE: Department of Biochemistry, The Chinese University of Hong Kong, Shatin, N.T., Hong Kong, China.
 SOURCE: Genomics, (1999 Sep 1) 60 (2) 121-8.
 Journal code: 8800135. ISSN: 0888-7543.
 PUB. COUNTRY: United States
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 OTHER SOURCE: GENBANK-AF074333
 ENTRY MONTH: 199911
 ENTRY DATE: Entered STN: 20000111
 Last Updated on STN: 20021218
 Entered Medline: 19991124

L14 ANSWER 147 OF 195 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN

ACCESSION NUMBER: 1998:479110 BIOSIS
 DOCUMENT NUMBER: PREV199800479110
 TITLE: Growth regulation of the **expression** of mouse cDNA and gene encoding a **serine/threonine** kinase related to *Saccharomyces cerevisiae* CDC7 essential for G1/S transition.
 AUTHOR(S): Kim, Jung Min; Sato, Noriko; Yamada, Masayuki; Arai, Ken-Ichi; Masai, Hisao [Reprint author]
 CORPORATE SOURCE: Dep. Molecular Developmental Biol., Inst. Med. Sci., Univ. Tokyo, 4-6-1 Shirokanedai, Minato-ku, Tokyo 108-8639, Japan
 SOURCE: Journal of Biological Chemistry, (Sept. 4, 1998) Vol. 273, No. 36, pp. 23248-23257. print.
 CODEN: JBCHA3. ISSN: 0021-9258.
 DOCUMENT TYPE: Article
 LANGUAGE: English
 ENTRY DATE: Entered STN: 5 Nov 1998
 Last Updated on STN: 5 Nov 1998

L14 ANSWER 148 OF 195 MEDLINE on STN

ACCESSION NUMBER: 1998204885 MEDLINE
 DOCUMENT NUMBER: PubMed ID: 9535877
 TITLE: Inhibitory properties of the regulatory domains of **human** protein **kinase** Calpha and mouse protein kinase Cepsilon.
 AUTHOR: Parissenti A M; Kirwan A F; Kim S A; Colantonio C M; Schimmer B P
 CORPORATE SOURCE: Department of Research, Northeastern Ontario Regional Cancer Center, Sudbury, Ontario P3E 5J1, Canada.
 SOURCE: Journal of biological chemistry, (1998 Apr 10) 273 (15) 8940-5.
 Journal code: 2985121R. ISSN: 0021-9258.
 PUB. COUNTRY: United States
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 ENTRY MONTH: 199805
 ENTRY DATE: Entered STN: 19980520
 Last Updated on STN: 20020420
 Entered Medline: 19980514

L14 ANSWER 149 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1998:393104 HCAPLUS
 DOCUMENT NUMBER: 129:131949
 TITLE: A homolog of Drosophila aurora kinase is oncogenic and amplified in human colorectal cancers
 AUTHOR(S): Bischoff, James R.; Anderson, Lee; Zhu, Yingfang; Mossie, Kevin; Ng, Lelia; Souza, Brian; Schryver, Brian; Flanagan, Peter; Clairvoyant, Felix; Ginther, Charles; Chan, Clarence S. M.; Novotny, Mike; Slamon, Dennis J.; Plowman, Gregory D.
 CORPORATE SOURCE: SUGEN, Inc., Redwood City, CA, 94063, USA
 SOURCE: EMBO Journal (1998), 17(11), 3052-3065
 CODEN: EMJODG; ISSN: 0261-4189
 PUBLISHER: Oxford University Press
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 REFERENCE COUNT: 68 THERE ARE 68 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 150 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 1998:739889 HCAPLUS
 DOCUMENT NUMBER: 130:91131
 TITLE: Protein kinase profile of sperm and eggs: **cloning** and characterization of two novel **testis**-specific protein kinases (AIE1, AIE2) related to yeast and fly chromosome segregation regulators
 AUTHOR(S): Tseng, Ta-Chien; Chen, Sheau-Hu; Hsu, Yun-Pung Paul; Tang, Tank K.
 CORPORATE SOURCE: Institute of Biomedical Sciences, Academia Sinica, Taipei, 115, Taiwan
 SOURCE: DNA and Cell Biology (1998), 17(10), 823-833
 CODEN: DCEBE8; ISSN: 1044-5498
 PUBLISHER: Mary Ann Liebert, Inc.
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 REFERENCE COUNT: 45 THERE ARE 45 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 151 OF 195 MEDLINE on STN
 ACCESSION NUMBER: 1999059689 MEDLINE
 DOCUMENT NUMBER: PubMed ID: 9841871
 TITLE: **Human** mitogen-activated protein kinase **kinase** kinase mediates the stress-induced activation of mitogen-activated protein kinase cascades.
 AUTHOR: Chan-Hui P Y; Weaver R
 CORPORATE SOURCE: Amgen, Department of Inflammation Research, 3200 Walnut Street, Boulder, CO 80301, USA.. povying@stratabio.com
 SOURCE: Biochemical journal, (1998 Dec 15) 336 (Pt 3) 599-609. Journal code: 2984726R. ISSN: 0264-6021.
 PUB. COUNTRY: ENGLAND: United Kingdom
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 ENTRY MONTH: 199902
 ENTRY DATE: Entered STN: 19990311
 Last Updated on STN: 20000303
 Entered Medline: 19990225

L14 ANSWER 152 OF 195 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN DUPLICATE 31
 ACCESSION NUMBER: 1998:448170 BIOSIS
 DOCUMENT NUMBER: PREV199800448170
 TITLE: Identification and characterization of a novel

serine-threonine kinase gene from the
Xp22 region.

AUTHOR(S): Montini, Eugenio; Andolfi, Grazia; Caruso, Antonio;
Buchner, Georg; Walpole, Susannah M.; Mariani, Margherita;
Consalez, Giangiacomo; Trump, Dorothy; Ballabio, Andrea;
Franco, Brunella

CORPORATE SOURCE: Telethon Inst. Genetics Med., San Raffaele Biomed. Sci.
Park, Via Olgettina 58, 20132 Milan, Italy

SOURCE: Genomics, (Aug. 1, 1998) Vol. 51, No. 3, pp. 427-433.
print.
CODEN: GNMCEP. ISSN: 0888-7543.

DOCUMENT TYPE: Article

LANGUAGE: English

OTHER SOURCE: Genbank-Q00526; Genbank-Q00532; Genbank-U35146

ENTRY DATE: Entered STN: 21 Oct 1998
Last Updated on STN: 21 Oct 1998

L14 ANSWER 153 OF 195 MEDLINE on STN

ACCESSION NUMBER: 1999017981 MEDLINE

DOCUMENT NUMBER: PubMed ID: 9799611

TITLE: **Cloning** of STK13, a third **human** protein
kinase related to Drosophila aurora and budding
yeast Ipl1 that maps on chromosome 19q13.3-ter.

AUTHOR: Bernard M; Sanseau P; Henry C; Couturier A; Prigent C

CORPORATE SOURCE: Departement de Biologie et Genetique du Developpement,
Groupe Cycle Cellulaire, CNRS UPR 41, Rennes Cedex, 35042,
France.

SOURCE: Genomics, (1998 Nov 1) 53 (3) 406-9.
Journal code: 8800135. ISSN: 0888-7543.

PUB. COUNTRY: United States

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English

FILE SEGMENT: Priority Journals

OTHER SOURCE: GDB-9837399; GENBANK-AF059681; GENBANK-AF059682

ENTRY MONTH: 199812

ENTRY DATE: Entered STN: 19990115
Last Updated on STN: 20020420
Entered Medline: 19981231

L14 ANSWER 154 OF 195 MEDLINE on STN DUPLICATE 32

ACCESSION NUMBER: 1999063810 MEDLINE

DOCUMENT NUMBER: PubMed ID: 9845759

TITLE: Molecular **cloning** and characterization of novel
protein kinase gene DYRK3.

AUTHOR: Xia J; Yang X; Ruan Q; Pan Q; Liu C; Xie W; Deng H

CORPORATE SOURCE: National Laboratory of Medical Genetics of China, Hunan
Medical University, Changsha, Hunan, 410078 P. R. China..
nlmglycy@public.cs.hn.cn

SOURCE: Zhonghua yi xue yi chuan xue za zhi = Zhonghua yixue
yichuanxue zazhi = Chinese journal of medical genetics,
(1998 Dec 10) 15 (6) 327-32.
Journal code: 9425197. ISSN: 1003-9406.

PUB. COUNTRY: China

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: Chinese

FILE SEGMENT: Priority Journals

ENTRY MONTH: 199901

ENTRY DATE: Entered STN: 19990209
Last Updated on STN: 20000303
Entered Medline: 19990128

L14 ANSWER 155 OF 195 MEDLINE on STN

ACCESSION NUMBER: 1999077743 MEDLINE

DOCUMENT NUMBER: PubMed ID: 9858806
 TITLE: Identification and characterization of STK12/Aik2: a human gene related to aurora of Drosophila and yeast IPL1.
 AUTHOR: Kimura M; Matsuda Y; Yoshioka T; Sumi N; Okano Y
 CORPORATE SOURCE: Department of Molecular Pathobiochemistry, Gifu University School of Medicine, Gifu (Japan).
 SOURCE: Cytogenetics and cell genetics, (1998) 82 (3-4) 147-52. Journal code: 0367735. ISSN: 0301-0171.
 PUB. COUNTRY: Switzerland
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 ENTRY MONTH: 199902
 ENTRY DATE: Entered STN: 19990216
 Last Updated on STN: 20020420
 Entered Medline: 19990201

L14 ANSWER 156 OF 195 LIFESCI COPYRIGHT 2005 CSA on STN
 ACCESSION NUMBER: 1999:61287 LIFESCI
 TITLE: **Cloning** and chromosome mapping of the **human casein kinase I gamma 3 gene** (CSNK1G3)
 AUTHOR: Kusuda, J.; Hirai, M.; Toyoda, A.; Tanuma, R.; Hashimoto, K.
 CORPORATE SOURCE: Division of Genetic Resources, National Institute of Infectious Diseases, 1-23-1, Toyama-cho, Shinjuku-ku, Tokyo 162, Japan; E-mail: jkusuda@nih.go.jp
 SOURCE: Cytogenetics and Cell Genetics [Cytogenet. Cell Genet.], (19980000) vol. 83, no. 1-2, pp. 101-103. ISSN: 0301-0171.
 DOCUMENT TYPE: Journal
 FILE SEGMENT: G
 LANGUAGE: English
 SUMMARY LANGUAGE: English

L14 ANSWER 157 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 1998:29361 HCAPLUS
 DOCUMENT NUMBER: 128:152647
 TITLE: Peutz-Jeghers syndrome is caused by mutations in a novel **serine threonine** kinase
 AUTHOR(S): Jenne, Dieter E.; Reimann, Heike; Nezu, Jun-ichi; Friedel, Waltraut; Loff, Steffan; Jeschke, Reinhard; Muller, Oliver; Back, Walter; Zimmer, Michael
 CORPORATE SOURCE: Dep. Neuroimmunol., Max-Planck-Inst. Psychiatry, Martinsried, 82152, Germany
 SOURCE: Nature Genetics (1998), 18(1), 38-43
 CODEN: NGENEC; ISSN: 1061-4036
 PUBLISHER: Nature America
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 REFERENCE COUNT: 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 158 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 1997:734905 HCAPLUS
 DOCUMENT NUMBER: 128:99185
 TITLE: Molecular **cloning** and functional **expression** of a cDNA encoding a new member of mixed lineage protein kinase from human **brain**
 AUTHOR(S): Sakuma, Hiroyuki; Ikeda, Atsushi; Oka, Shogo; Kozutsumi, Yasunori; Zanetta, Jean-Pierre; Kawasaki, Toshisuke
 CORPORATE SOURCE: Dep. Biological Chem., Fac. Pharm. Sci., Kyoto Univ.,

SOURCE: Kyoto, 606, Japan
Journal of Biological Chemistry (1997), 272(45),
28622-28629
CODEN: JBCHA3; ISSN: 0021-9258
PUBLISHER: American Society for Biochemistry and Molecular
Biology
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 48 THERE ARE 48 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 159 OF 195 MEDLINE on STN
ACCESSION NUMBER: 97298083 MEDLINE
DOCUMENT NUMBER: PubMed ID: 9153231
TITLE: Cell cycle-dependent **expression** and spindle pole
localization of a novel **human** protein
kinase, Aik, related to Aurora of Drosophila and
yeast Ipl1.
AUTHOR: Kimura M; Kotani S; Hattori T; Sumi N; Yoshioka T; Todokoro
K; Okano Y
CORPORATE SOURCE: Department of Molecular Pathobiochemistry, Gifu University
School of Medicine, Tsukasamachi-40, Gifu 500, Japan.
SOURCE: Journal of biological chemistry, (1997 May 23) 272 (21)
13766-71.
Journal code: 2985121R. ISSN: 0021-9258.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
OTHER SOURCE: GENBANK-D84212
ENTRY MONTH: 199707
ENTRY DATE: Entered STN: 19970716
Last Updated on STN: 20020420
Entered Medline: 19970702

L14 ANSWER 160 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1997:142693 HCAPLUS
DOCUMENT NUMBER: 126:248048
TITLE: Molecular **cloning** and functional
characterization of a novel mitogen-activated protein
kinase phosphatase, MKP-4
AUTHOR(S): Muda, Marco; Boschert, Ursula; Smith, Anna; Antonsson,
Bruno; Gillieron, Corine; Chabert, Christian; Camps,
Montserrat; Martinou, Isabelle; Ashworth, Alan;
Arkininstall, Steve
CORPORATE SOURCE: Geneva Biomedical Research Institute, Glaxo Wellcome
Research and Development S.A., Geneva, CH-1228, Switz.
SOURCE: Journal of Biological Chemistry (1997), 272(8),
5141-5151
CODEN: JBCHA3; ISSN: 0021-9258
PUBLISHER: American Society for Biochemistry and Molecular
Biology
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 70 THERE ARE 70 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 161 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1997:702583 HCAPLUS
DOCUMENT NUMBER: 128:44418
TITLE: Identification of two novel **human** putative
serine/threonine kinases,
VRK1 and VRK2, with structural similarity to vaccinia

AUTHOR(S): virus B1R kinase
 Nezu, Jun-ichi; Oku, Asuka; Jones, Michael H.;
 Shimane, Miyuki
 CORPORATE SOURCE: Gene Search Program, Chugai Res. Inst. Mol. Med.,
 Niihari, 300-41, Japan
 SOURCE: Genomics (1997), 45(2), 327-331
 CODEN: GNMCEP; ISSN: 0888-7543
 PUBLISHER: Academic
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 REFERENCE COUNT: 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 162 OF 195 MEDLINE on STN
 ACCESSION NUMBER: 1998096235 MEDLINE
 DOCUMENT NUMBER: PubMed ID: 9434622
 TITLE: The in vivo **expression** pattern of mouse Nek2, a
 NIMA-related kinase, indicates a role in both mitosis and
 meiosis.
 AUTHOR: Tanaka K; Parvinen M; Nigg E A
 CORPORATE SOURCE: Department of Molecular Biology, Sciences II, University of
 Geneva, Switzerland.
 SOURCE: Experimental cell research, (1997 Dec 15) 237 (2) 264-74.
 Journal code: 0373226. ISSN: 0014-4827.
 PUB. COUNTRY: United States
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 OTHER SOURCE: GENBANK-AF007247
 ENTRY MONTH: 199802
 ENTRY DATE: Entered STN: 19980217
 Last Updated on STN: 20020420
 Entered Medline: 19980203

L14 ANSWER 163 OF 195 MEDLINE on STN
 ACCESSION NUMBER: 97449278 MEDLINE
 DOCUMENT NUMBER: PubMed ID: 9305747
 TITLE: Chinese hamster protein homologous to **human**
 putative protein **kinase** KIAA0204 is associated
 with nuclei, microtubules and centrosomes in CHO-K1 cells.
 AUTHOR: Zinovkina L A; Poltaraus A B; Solovyanova O B; Nadezhdina E
 S
 CORPORATE SOURCE: A.N. Belozersky Institute of Physico-Chemical Biology,
 Moscow State University, Russian Federation.
 SOURCE: FEBS letters, (1997 Sep 1) 414 (1) 135-9.
 Journal code: 0155157. ISSN: 0014-5793.
 PUB. COUNTRY: Netherlands
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 OTHER SOURCE: GENBANK-AF002245; GENBANK-D86959
 ENTRY MONTH: 199710
 ENTRY DATE: Entered STN: 19971024
 Last Updated on STN: 20020420
 Entered Medline: 19971015

L14 ANSWER 164 OF 195 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
 ACCESSION NUMBER: 1996-13404 BIOTECHDS
 TITLE: New gene encoding protein-kinase involved in multiple
 drug-resistance;
 multidrug-resistance gene **cloning** and protein
 engineering, for use as a cytoprotective, etc.
 AUTHOR: Abraham I; Begley D A; Sampson K E

PATENT ASSIGNEE: Pharmacia-Upjohn
 LOCATION: Kalamazoo, MI, USA.
 PATENT INFO: WO 9627015 6 Sep 1996
 APPLICATION INFO: WO 1996-US2375 26 Feb 1996
 PRIORITY INFO: US 1995-396399 28 Feb 1995
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 OTHER SOURCE: WPI: 1996-412781 [41]

L14 ANSWER 165 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1996:467141 HCAPLUS

DOCUMENT NUMBER: 125:136417

TITLE: Nuclear Dbf-2-related protein **serine/threonine** kinases (Ndr) of human and Drosophila and cDNAs encoding them

INVENTOR(S): Hemmings, Brian Arthur; Millward, Thomas Anders

PATENT ASSIGNEE(S): Ciba-Geigy A.-G., Switz.

SOURCE: PCT Int. Appl., 51 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9619579	A1	19960627	WO 1995-EP5052	19951220
W: AL, AM, AU, BB, BG, BR, BY, CA, CN, CZ, EE, FI, GE, HU, IS, JP, KG, KP, KR, KZ, LK, LR, LT, LV, MD, MG, MK, MN, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TJ, TM, TT, UA, US, UZ, VN				
RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
CA 2208237	AA	19960627	CA 1995-2208237	19951220
AU 9643882	A1	19960710	AU 1996-43882	19951220
EP 793725	A1	19970910	EP 1995-942710	19951220
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
JP 11500606	T2	19990119	JP 1995-519509	19951220
US 5981205	A	19991109	US 1997-860150	19970619
US 6040164	A	20000321	US 1999-338132	19990622
PRIORITY APPLN. INFO.:			EP 1994-810746	A 19941222
			WO 1995-EP5052	W 19951220

L14 ANSWER 166 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1996:366094 HCAPLUS

DOCUMENT NUMBER: 125:80511

TITLE: Human p21 protein-activated protein **serine** kinase p65 (PAK65) and a cDNA encoding it and its therapeutic applications

INVENTOR(S): Abo, Arie; Martin, George A.

PATENT ASSIGNEE(S): Onyx Pharmaceuticals, Inc., USA

SOURCE: U.S., 42 pp.

CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5518911	A	19960521	US 1995-369780	19950106
US 5605825	A	19970225	US 1995-475682	19950607
CA 2209426	AA	19960711	CA 1996-2209426	19960105

WO 9620948	A1	19960711	WO 1996-US487	19960105
W: AU, CA, JP				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
AU 9647560	A1	19960724	AU 1996-47560	19960105
AU 702308	B2	19990218		
EP 802921	A1	19971029	EP 1996-903482	19960105
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE				
JP 10512143	T2	19981124	JP 1996-521283	19960105
US 5698445	A	19971216	US 1996-636036	19960422
US 5698428	A	19971216	US 1997-780833	19970110
US 6013464	A	20000111	US 1997-918509	19970822
US 6048706	A	20000411	US 1998-108262	19980701
PRIORITY APPLN. INFO.:			US 1995-369780	A1 19950106
			US 1995-475682	A1 19950607
			WO 1996-US487	W 19960105
			US 1997-780833	A1 19970110
			US 1997-918509	A1 19970822

L14 ANSWER 167 OF 195 MEDLINE on STN

ACCESSION NUMBER: 96195003 MEDLINE

DOCUMENT NUMBER: PubMed ID: 8622969

TITLE: Human vitamin D receptor phosphorylation by casein kinase II at Ser-208 potentiates transcriptional activation.

AUTHOR: Jurutka P W; Hsieh J C; Nakajima S; Haussler C A; Whitfield G K; Haussler M R

CORPORATE SOURCE: Department of Biochemistry, College of Medicine, The University of Arizona, Tucson, 85724, USA.

CONTRACT NUMBER: AR-15781 (NIAMS)

DK-33351 (NIDDK)

DK-40372 (NIDDK)

SOURCE: Proceedings of the National Academy of Sciences of the United States of America, (1996 Apr 16) 93 (8) 3519-24. Journal code: 7505876. ISSN: 0027-8424.

PUB. COUNTRY: United States

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English

FILE SEGMENT: Priority Journals

ENTRY MONTH: 199606

ENTRY DATE: Entered STN: 19960627
Last Updated on STN: 20020420
Entered Medline: 19960618

L14 ANSWER 168 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1996:381174 HCAPLUS

DOCUMENT NUMBER: 125:136273

TITLE: Selective interaction of JNK protein kinase isoforms with transcription factors

AUTHOR(S): Gupta, Shashi; Barret, Tamera; Whitmarsh, Alan J.; Cavanagh, Julie; Sluss, Hayla K.; Derijard, Benoit; Davis, Roger J.

CORPORATE SOURCE: Howard Hughes Medical Institute, University Massachusetts Medical School, Worcester, MA, 01605, USA

SOURCE: EMBO Journal (1996), 15(11), 2760-2770
CODEN: EMJODG; ISSN: 0261-4189

PUBLISHER: Oxford University Press

DOCUMENT TYPE: Journal

LANGUAGE: English

L14 ANSWER 169 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1996:253737 HCAPLUS

DOCUMENT NUMBER: 124:336627

TITLE: Insulin receptor substrate 1 binds two novel splice

variants of the regulatory subunit of
phosphatidylinositol 3-kinase in muscle and
brain

AUTHOR(S): Antonetti, David A.; Algenstaedt, Petra; Kahn, C.
Ronald

CORPORATE SOURCE: Joslin Diabetes Cent., Harvard Med. Sch., Boston, MA,
02215, USA

SOURCE: Molecular and Cellular Biology (1996), 16(5), 2195-203
CODEN: MCEBD4; ISSN: 0270-7306

PUBLISHER: American Society for Microbiology

DOCUMENT TYPE: Journal

LANGUAGE: English

L14 ANSWER 170 OF 195 MEDLINE on STN DUPLICATE 33

ACCESSION NUMBER: 96365388 MEDLINE

DOCUMENT NUMBER: PubMed ID: 8769565

TITLE: Cell-specific **expression** of the ZPK gene in adult
mouse tissues.

AUTHOR: Blouin R; Beaudoin J; Bergeron P; Nadeau A; Grondin G

CORPORATE SOURCE: Departement de Biologie, Faculte des Sciences, Universite
de Sherbrooke, Quebec, Canada.

SOURCE: DNA and cell biology, (1996 Aug) 15 (8) 631-42.
Journal code: 9004522. ISSN: 1044-5498.

PUB. COUNTRY: United States

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English

FILE SEGMENT: Priority Journals

OTHER SOURCE: GENBANK-U23789

ENTRY MONTH: 199610

ENTRY DATE: Entered STN: 19961022
Last Updated on STN: 20020420
Entered Medline: 19961008

L14 ANSWER 171 OF 195 MEDLINE on STN

ACCESSION NUMBER: 97127443 MEDLINE

DOCUMENT NUMBER: PubMed ID: 8954939

TITLE: Identification of a dual leucine zipper kinase involved in
rat fracture repair.

AUTHOR: Matsui N; Sarkar G; Shuto T; Marrs J; Bronk J T; Mizuno K;
Bolander M E

CORPORATE SOURCE: Department of Orthopedic Surgery, Mayo Clinic, Rochester,
Minnesota 55905, USA.

CONTRACT NUMBER: AR 41917 (NIAMS)

SOURCE: Biochemical and biophysical research communications, (1996
Dec 13) 229 (2) 571-6.
Journal code: 0372516. ISSN: 0006-291X.

PUB. COUNTRY: United States

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English

FILE SEGMENT: Priority Journals

ENTRY MONTH: 199701

ENTRY DATE: Entered STN: 19970219
Last Updated on STN: 19970219
Entered Medline: 19970122

L14 ANSWER 172 OF 195 MEDLINE on STN DUPLICATE 34

ACCESSION NUMBER: 96368048 MEDLINE

DOCUMENT NUMBER: PubMed ID: 8772201

TITLE: ROCK-I and ROCK-II, two isoforms of Rho-associated
coiled-coil forming protein **serine/**
threonine kinase in mice.

AUTHOR: Nakagawa O; Fujisawa K; Ishizaki T; Saito Y; Nakao K;
Narumiya S

CORPORATE SOURCE: Department of Pharmacology, Kyoto University Faculty of
Medicine, Japan.
SOURCE: FEBS letters, (1996 Aug 26) 392 (2) 189-93.
Journal code: 0155157. ISSN: 0014-5793.
PUB. COUNTRY: Netherlands
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
OTHER SOURCE: GENBANK-U58512; GENBANK-U58513
ENTRY MONTH: 199610
ENTRY DATE: Entered STN: 19961106
Last Updated on STN: 20020420
Entered Medline: 19961021

L14 ANSWER 173 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1996:29129 HCAPLUS
DOCUMENT NUMBER: 124:110867
TITLE: Identification and characterization of a novel protein
kinase, TESK1, specifically **expressed** in
testicular germ cells
AUTHOR(S): Toshima, Jiro; Ohashi, Kazumasa; Okano, Ichiro;
Nunoue, Koh; Kishioka, Miki; Kuma, Kei-ichi; Miyata,
Takashi; Hirai, Momoki; Baba, Tadashi; Mizuno, Kensaku
CORPORATE SOURCE: Fac. Sci., Kyushu Univ., Fukuoka, 812, Japan
SOURCE: Journal of Biological Chemistry (1995), 270(52),
31331-7
CODEN: JBCHA3; ISSN: 0021-9258
PUBLISHER: American Society for Biochemistry and Molecular
Biology
DOCUMENT TYPE: Journal
LANGUAGE: English

L14 ANSWER 174 OF 195 MEDLINE on STN DUPLICATE 35
ACCESSION NUMBER: 96094284 MEDLINE
DOCUMENT NUMBER: PubMed ID: 7493923
TITLE: A novel **serine/threonine** kinase binding
the Ras-related RhoA GTPase which translocates the kinase
to peripheral membranes.
AUTHOR: Leung T; Manser E; Tan L; Lim L
CORPORATE SOURCE: Glaxo-IMCB Group, Institute of Molecular and Cell Biology,
National University of Singapore, Kent Ridge, Singapore.
SOURCE: Journal of biological chemistry, (1995 Dec 8) 270 (49)
29051-4.
Journal code: 2985121R. ISSN: 0021-9258.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
OTHER SOURCE: GENBANK-L08835; GENBANK-L39837; GENBANK-P28867;
GENBANK-P38679; GENBANK-U38481
ENTRY MONTH: 199601
ENTRY DATE: Entered STN: 19960217
Last Updated on STN: 20020420
Entered Medline: 19960111

L14 ANSWER 175 OF 195 MEDLINE on STN
ACCESSION NUMBER: 95386456 MEDLINE
DOCUMENT NUMBER: PubMed ID: 7657592
TITLE: Identification, tissue-specific **expression**, and
subcellular localization of the 80- and 71-kDa forms of
myotonic dystrophy kinase protein.
AUTHOR: Maeda M; Taft C S; Bush E W; Holder E; Bailey W M; Neville
H; Perryman M B; Bies R D

CORPORATE SOURCE: Cardiology Division, Temple Hoyne Buell Laboratories,
University of Colorado Health Sciences Center, Denver
80262, USA.

CONTRACT NUMBER: RO1HL50715 (NHLBI)

SOURCE: Journal of biological chemistry, (1995 Sep 1) 270 (35)
20246-9.
Journal code: 2985121R. ISSN: 0021-9258.

PUB. COUNTRY: United States

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English

FILE SEGMENT: Priority Journals

ENTRY MONTH: 199510

ENTRY DATE: Entered STN: 19951013
Last Updated on STN: 20020420
Entered Medline: 19951004

L14 ANSWER 176 OF 195 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation
on STN

ACCESSION NUMBER: 95:506446 SCISEARCH

THE GENUINE ARTICLE: RL494

TITLE: **HUMAN PHOSPHATIDYLINOSITOL 3-KINASE**
COMPLEX RELATED TO THE YEAST VPS34P-VPS15P PROTEIN SORTING
SYSTEM

AUTHOR: VOLINIA S; DHAND R; VANHAESEBROECK B; MACDOUGALL L; STEIN
R; ZVELEBIL M J; DOMIN J; PANARETOU C; WATERFIELD M D
(Reprint)

CORPORATE SOURCE: UNIV COLL LONDON, DEPT BIOCHEM & MOLEC BIOL, MORTIMER ST,
LONDON WCE 6BT, ENGLAND (Reprint); UNIV COLL LONDON, DEPT
BIOCHEM & MOLEC BIOL, LONDON WCE 6BT, ENGLAND; LUDWIG INST
CANC RES, LONDON W1P 8BT, ENGLAND

COUNTRY OF AUTHOR: ENGLAND

SOURCE: EMBO JOURNAL, (17 JUL 1995) Vol. 14, No. 14, pp. 3339-3348

ISSN: 0261-4189.

DOCUMENT TYPE: Article; Journal

FILE SEGMENT: LIFE

LANGUAGE: ENGLISH

REFERENCE COUNT: 41

ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L14 ANSWER 177 OF 195 LIFESCI COPYRIGHT 2005 CSA on STN

ACCESSION NUMBER: 95:29012 LIFESCI

TITLE: Independent **human MAP kinase** signal
transduction pathways defined by MEK and MKK isoforms

AUTHOR: Derijard, B.; Raingeaud, J.; Barrett, T.; Wu, I.-Huan; Han,
Jiahuai; Ulevitch, R.J.; Davis, R.J.

SOURCE: SCIENCE (WASH.), (1995) vol. 267, no. 5198, pp. 682-685.
ISSN: 0036-8075.

DOCUMENT TYPE: Journal

FILE SEGMENT: G3

LANGUAGE: English

SUMMARY LANGUAGE: English

L14 ANSWER 178 OF 195 MEDLINE on STN DUPLICATE 36

ACCESSION NUMBER: 96128179 MEDLINE

DOCUMENT NUMBER: PubMed ID: 8536694

TITLE: Complete nucleotide sequence, **expression**, and
chromosomal localisation of **human mixed-lineage**
kinase 2.

AUTHOR: Dorow D S; Devereux L; Tu G F; Price G; Nicholl J K;
Sutherland G R; Simpson R J

CORPORATE SOURCE: Research Division, Peter MacCallum Cancer Institute,
Melbourne, Victoria, Australia.

SOURCE: European journal of biochemistry / FEBS, (1995 Dec 1) 234
(2) 492-500.
Journal code: 0107600. ISSN: 0014-2956.
PUB. COUNTRY: GERMANY: Germany, Federal Republic of
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
OTHER SOURCE: GENBANK-X90846
ENTRY MONTH: 199602
ENTRY DATE: Entered STN: 19960221
Last Updated on STN: 19960221
Entered Medline: 19960208

L14 ANSWER 179 OF 195 MEDLINE on STN DUPLICATE 37
ACCESSION NUMBER: 95127233 MEDLINE
DOCUMENT NUMBER: PubMed ID: 7826642
TITLE: p493F12 kinase: a novel MAP kinase **expressed** in a
subset of neurons in the human nervous system.
AUTHOR: Mohit A A; Martin J H; Miller C A
CORPORATE SOURCE: Department of Pathology, University of Southern California,
Los Angeles 90033.
CONTRACT NUMBER: 5-R37-MH39145 (NIMH)
AG00093 (NIA).
AG05142 (NIA)
SOURCE: Neuron, (1995 Jan) 14 (1) 67-78.
Journal code: 8809320. ISSN: 0896-6273.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
OTHER SOURCE: GENBANK-U07620
ENTRY MONTH: 199502
ENTRY DATE: Entered STN: 19950307
Last Updated on STN: 20000303
Entered Medline: 19950222

L14 ANSWER 180 OF 195 MEDLINE on STN
ACCESSION NUMBER: 95024153 MEDLINE
DOCUMENT NUMBER: PubMed ID: 7937992
TITLE: Activation of the double-stranded RNA (dsRNA)-activated
human protein **kinase** in vivo in the
absence of its dsRNA binding domain.
AUTHOR: Lee S B; Green S R; Mathews M B; Esteban M
CORPORATE SOURCE: Department of Microbiology and Immunology, State University
of New York Health Science Center, Brooklyn 11203.
CONTRACT NUMBER: AI 34552 (NIAID)
CA 13106 (NCI)
SOURCE: Proceedings of the National Academy of Sciences of the
United States of America, (1994 Oct 25) 91 (22) 10551-5.
Journal code: 7505876. ISSN: 0027-8424.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199411
ENTRY DATE: Entered STN: 19941222
Last Updated on STN: 19980206
Entered Medline: 19941123

L14 ANSWER 181 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1994:262685 HCAPLUS
DOCUMENT NUMBER: 120:262685
TITLE: PKCu is a novel, atypical member of the protein kinase

C family
AUTHOR(S): Johannes, Franz Josef; Prestle, Juergen; Eis, Susanne;
Oberhagemann, Petra; Pfizenmaier, Klaus
CORPORATE SOURCE: Inst. Cell Biol. Immunol., Univ. Stuttgart, Stuttgart,
70569, Germany
SOURCE: Journal of Biological Chemistry (1994), 269(8), 6140-8
CODEN: JBCHA3; ISSN: 0021-9258
DOCUMENT TYPE: Journal
LANGUAGE: English

L14 ANSWER 182 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1994:185935 HCAPLUS
DOCUMENT NUMBER: 120:185935
TITLE: Casein kinase II preferentially phosphorylates human
tau isoforms containing an amino-terminal insert.
Identification of **threonine** 39 as the
primary phosphate acceptor
AUTHOR(S): Greenwood, Jeffrey A.; Scott, Clay W.; Spreen, Russell
C.; Caputo, Claudia B.; Johnson, Gail V. W.
CORPORATE SOURCE: Dep. Psychiatry Behav. Neurobiol., Univ. Alabama,
Birmingham, AL, 35294, USA
SOURCE: Journal of Biological Chemistry (1994), 269(6),
4373-80
CODEN: JBCHA3; ISSN: 0021-9258
DOCUMENT TYPE: Journal
LANGUAGE: English

L14 ANSWER 183 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1995:111078 HCAPLUS
DOCUMENT NUMBER: 122:2416
TITLE: Molecular **cloning** of PISSLRE, a novel
putative member of the cdk family of protein
serine/threonine kinases
AUTHOR(S): Brambilla, Riccardo; Draetta, Giulio
CORPORATE SOURCE: European Molecular Biology Laboratory, Heidelberg,
D69012, Germany
SOURCE: Oncogene (1994), 9(10), 3037-41
CODEN: ONCNES; ISSN: 0950-9232
DOCUMENT TYPE: Journal
LANGUAGE: English

L14 ANSWER 184 OF 195 MEDLINE on STN DUPLICATE 38
ACCESSION NUMBER: 94173904 MEDLINE
DOCUMENT NUMBER: PubMed ID: 8127874
TITLE: Induction and down-regulation of PLK, a **human**
serine/threonine kinase
expressed in proliferating cells and tumors.
AUTHOR: Holtrich U; Wolf G; Brauninger A; Karn T; Bohme B;
Rubsamen-Waigmann H; Strebhardt K
CORPORATE SOURCE: Chemotherapeutisches Forschungsinstitut, Georg-Speyer-Haus,
Frankfurt, Germany.
SOURCE: Proceedings of the National Academy of Sciences of the
United States of America, (1994 Mar 1) 91 (5) 1736-40.
Journal code: 7505876. ISSN: 0027-8424.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
OTHER SOURCE: GENBANK-X75932
ENTRY MONTH: 199404
ENTRY DATE: Entered STN: 19940420
Last Updated on STN: 20020420
Entered Medline: 19940411

L14 ANSWER 185 OF 195 MEDLINE on STN DUPLICATE 39
 ACCESSION NUMBER: 95045520 MEDLINE
 DOCUMENT NUMBER: PubMed ID: 7957185
 TITLE: Identification and characterization of DBK, a novel putative **serine/threonine** protein kinase from human endothelial cells.
 AUTHOR: Chu W; Presky D H; Danho W; Swerlick R A; Burns D K
 CORPORATE SOURCE: Department of Inflammation/Autoimmune Diseases, Hoffmann-La Roche Inc., Roche Research Center, Nutley NJ 07110-1199.
 SOURCE: European journal of biochemistry / FEBS, (1994 Oct 15) 225 (2) 695-702.
 Journal code: 0107600. ISSN: 0014-2956.
 PUB. COUNTRY: GERMANY: Germany, Federal Republic of
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 OTHER SOURCE: GENBANK-X80229
 ENTRY MONTH: 199411
 ENTRY DATE: Entered STN: 19950110
 Last Updated on STN: 19970203
 Entered Medline: 19941128

L14 ANSWER 186 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 1994:695693 HCAPLUS
 DOCUMENT NUMBER: 121:295693
 TITLE: Identification, assay, and purification of a Cdc2-activating **threonine**-161 protein kinase from human cells
 AUTHOR(S): Williams, Richard T.; Wu, Lingtao; Carbonaro-Hall, Denise A.; Hall, Frederick L.
 CORPORATE SOURCE: Res. Inst. Childrens Hospital, University of Southern California Sch. Med., Los Angeles, CA, 90027, USA
 SOURCE: Archives of Biochemistry and Biophysics (1994), 314(1), 99-106
 CODEN: ABBIA4; ISSN: 0003-9861
 DOCUMENT TYPE: Journal
 LANGUAGE: English

L14 ANSWER 187 OF 195 MEDLINE on STN DUPLICATE 40
 ACCESSION NUMBER: 94075851 MEDLINE
 DOCUMENT NUMBER: PubMed ID: 8254211
 TITLE: IL-2-induced **expression** of TTK, a **serine**, **threonine**, tyrosine kinase, correlates with cell cycle progression.
 AUTHOR: Schmandt R; Hill M; Amendola A; Mills G B; Hogg D
 CORPORATE SOURCE: Toronto General Hospital, Ontario, Canada.
 SOURCE: Journal of immunology (Baltimore, Md. : 1950), (1994 Jan 1) 152 (1) 96-105.
 Journal code: 2985117R. ISSN: 0022-1767.
 PUB. COUNTRY: United States
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Abridged Index Medicus Journals; Priority Journals
 ENTRY MONTH: 199401
 ENTRY DATE: Entered STN: 19940203
 Last Updated on STN: 19940203
 Entered Medline: 19940112

L14 ANSWER 188 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 1993:227170 HCAPLUS
 DOCUMENT NUMBER: 118:227170
 TITLE: Molecular **cloning** and characterization of

PKC θ , a novel member of the protein kinase C (PKC) gene family **expressed** predominantly in hematopoietic cells

AUTHOR(S): Baier, Gottfried; Telford, David; Giampa, Leslie; Coggeshall, K. Mark; Baier-Bitterlich, Gabriele; Isakov, Noah; Altman, Amnon

CORPORATE SOURCE: La Jolla Inst. Allergy Immunol., La Jolla, CA, 92037, USA

SOURCE: Journal of Biological Chemistry (1993), 268(7), 4997-5004
CODEN: JBCHA3; ISSN: 0021-9258

DOCUMENT TYPE: Journal

LANGUAGE: English

L14 ANSWER 189 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1993:186608 HCAPLUS

DOCUMENT NUMBER: 118:186608

TITLE: Analysis of G α by site-directed mutagenesis. Sites and specificity of protein kinase C-dependent phosphorylation

AUTHOR(S): Lounsbury, Karen M.; Schlegel, Brian; Poncz, Mortimer; Brass, Lawrence F.; Manning, David R.

CORPORATE SOURCE: Sch. Med., Univ. Pennsylvania, Philadelphia, PA, 19104, USA

SOURCE: Journal of Biological Chemistry (1993), 268(5), 3494-8
CODEN: JBCHA3; ISSN: 0021-9258

DOCUMENT TYPE: Journal

LANGUAGE: English

L14 ANSWER 190 OF 195 MEDLINE on STN DUPLICATE 41

ACCESSION NUMBER: 92348472 MEDLINE

DOCUMENT NUMBER: PubMed ID: 1639825

TITLE: **Expression** of TTK, a novel **human** protein **kinase**, is associated with cell proliferation.

AUTHOR: Mills G B; Schmandt R; McGill M; Amendola A; Hill M; Jacobs K; May C; Rodricks A M; Campbell S; Hogg D

CORPORATE SOURCE: Oncology Research, Toronto General Hospital, Ontario, Canada.

SOURCE: Journal of biological chemistry, (1992 Aug 5) 267 (22) 16000-6.
Journal code: 2985121R. ISSN: 0021-9258.

PUB. COUNTRY: United States

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English

FILE SEGMENT: Priority Journals

OTHER SOURCE: GENBANK-M86699; GENBANK-M94136; GENBANK-M94137; GENBANK-M94138; GENBANK-M94139; GENBANK-M94140; GENBANK-M94141; GENBANK-M94142; GENBANK-M94143; GENBANK-M94144

ENTRY MONTH: 199208

ENTRY DATE: Entered STN: 19920911
Last Updated on STN: 19920911
Entered Medline: 19920828

L14 ANSWER 191 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1993:117822 HCAPLUS

DOCUMENT NUMBER: 118:117822

TITLE: Molecular **cloning** and characterization of a novel putative protein-**serine** kinase related to the cAMP-dependent and protein kinase C families. [Erratum to document cited in CAl16(17):167496s]

AUTHOR(S): Coffe, Paul J.; Woodgett, James R.

CORPORATE SOURCE: Ludwig Inst. Cancer Res., London, UK
SOURCE: European Journal of Biochemistry (1992), 205(3), 1217
CODEN: EJBCAI; ISSN: 0014-2956
DOCUMENT TYPE: Journal
LANGUAGE: English

L14 ANSWER 192 OF 195 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation
on STN

ACCESSION NUMBER: 92:231147 SCISEARCH
THE GENUINE ARTICLE: HL947
TITLE: ISOLATION AND CHARACTERIZATION OF A NEW
CA2+/CALMODULIN-DEPENDENT PROTEIN-KINASE FROM
ISOPROTERENOL-STIMULATED PROLIFERATING RAT PAROTID
ACINAR-CELLS
AUTHOR: PURUSHOTHAM K R (Reprint); BOLOGNA J; NAKAGAWA Y;
HUMPHREYSBEHER M G
CORPORATE SOURCE: UNIV FLORIDA, GAINESVILLE, FL, 32610 (Reprint); UNIV
FLORIDA, DEPT PHARMACOL & THERAPEUT, GAINESVILLE, FL,
32610
COUNTRY OF AUTHOR: USA
SOURCE: BIOCHEMISTRY AND CELL BIOLOGY-BIOCHIMIE ET BIOLOGIE
CELLULAIRE, (MAR/APR 1992) Vol. 70, No. 3-4, pp. 250-255.
ISSN: 0829-8211.
DOCUMENT TYPE: Note; Journal
FILE SEGMENT: LIFE
LANGUAGE: ENGLISH
REFERENCE COUNT: 21

ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L14 ANSWER 193 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1991:626836 HCAPLUS
Correction of: 1991:57991
DOCUMENT NUMBER: 115:226836
Correction of: 114:57991
TITLE: Identification of the **serine** residue
phosphorylated by protein kinase C in vertebrate
nonmuscle myosin heavy chains
AUTHOR(S): Conti, Mary Anne; Sellers, James R.; Adelstein, Robert
S.; Elzinga, Marshall
CORPORATE SOURCE: Lab. Mol. Cardiol., Natl. Heart, Lung, and Blood
Inst., Bethesda, MD, 20892, USA
SOURCE: Biochemistry (1991), 30(4), 966-70
CODEN: BICHAW; ISSN: 0006-2960
DOCUMENT TYPE: Journal
LANGUAGE: English

L14 ANSWER 194 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1991:57991 HCAPLUS
DOCUMENT NUMBER: 114:57991
TITLE: Identification of the **serine** residue
phosphorylated by protein kinase C in vertebrate
nonmuscle myosin heavy chains
AUTHOR(S): Conti, Mary Anne; Sellers, James R.; Adelstein, Robert
S.; Elzinga, Marshall
CORPORATE SOURCE: Lab. Mol. Cardiol., Natl. Heart, Lung, and Blood
Inst., Bethesda, MD, 20892, USA
SOURCE: Biochemistry (1991), 4(4), 966-70
CODEN: BICHAW; ISSN: 0006-2960
DOCUMENT TYPE: Journal
LANGUAGE: English

L14 ANSWER 195 OF 195 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1992:167496 HCAPLUS

DOCUMENT NUMBER: 116:167496
 TITLE: Molecular **cloning** and characterization of a novel putative protein-**serine** kinase related to the cAMP-dependent and protein kinase C families
 AUTHOR(S): Coffey, Paul J.; Woodgett, James R.
 CORPORATE SOURCE: Ludwig Inst. Cancer Res., London, UK
 SOURCE: European Journal of Biochemistry (1991), 201(2), 475-81
 CODEN: EJBCAI; ISSN: 0014-2956
 DOCUMENT TYPE: Journal
 LANGUAGE: English

=> e donoho g/au

E1	9	DONOH O DAVID L/AU
E2	1	DONOH O DAVID W/AU
E3	65 -->	DONOH O G/AU
E4	1	DONOH O G A/AU
E5	8	DONOH O G P/AU
E6	16	DONOH O GREG/AU
E7	1	DONOH O GREG A/AU
E8	1	DONOH O GREG P/AU
E9	64	DONOH O GREGORY/AU
E10	3	DONOH O GREGORY P/AU
E11	1	DONOH O GREGORY PAUL/AU
E12	1	DONOH O H R/AU

=> s e3-e9

L15 156 ("DONOH O G"/AU OR "DONOH O G A"/AU OR "DONOH O G P"/AU OR "DONOH O GREG"/AU OR "DONOH O GREG A"/AU OR "DONOH O GREG P"/AU OR "DONOH O GREGORY"/AU)

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E1	1326	TURNER C/AU
E2	1	TURNER C */AU
E3	147 -->	TURNER C A/AU
E4	3	TURNER C A JR/AU
E5	1	TURNER C A L/AU
E6	5	TURNER C A P/AU
E7	1	TURNER C ALEX/AU
E8	11	TURNER C ALEXANDER/AU
E9	126	TURNER C ALEXANDER JR/AU
E10	87	TURNER C B/AU
E11	23	TURNER C C/AU
E12	128	TURNER C D/AU

=> s e3-e9

L16 294 ("TURNER C A"/AU OR "TURNER C A JR"/AU OR "TURNER C A L"/AU OR "TURNER C A P"/AU OR "TURNER C ALEX"/AU OR "TURNER C ALEXANDER"/AU OR "TURNER C ALEXANDER JR"/AU)

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E1	166	NEHLS M/AU
E2	1	NEHLS M A/AU
E3	57 -->	NEHLS M C/AU
E4	3	NEHLS M K/AU
E5	1	NEHLS M V/AU
E6	1	NEHLS MARY K/AU
E7	97	NEHLS MICHAEL/AU
E8	40	NEHLS MICHAEL C/AU
E9	1	NEHLS MICHAEL CHRISTIAN/AU
E10	1	NEHLS MILTON S/AU
E11	20	NEHLS N/AU

E12 2 NEHLS NADINE/AU

=> s e3-e8

L17 199 ("NEHLS M C"/AU OR "NEHLS M K"/AU OR "NEHLS M V"/AU OR "NEHLS
MARY K"/AU OR "NEHLS MICHAEL"/AU OR "NEHLS MICHAEL C"/AU)

=> e friedrich g/au

E1 2 FRIEDRICH FRITZ/AU
E2 1 FRIEDRICH FRNCES J/AU
E3 872 --> FRIEDRICH G/AU
E4 36 FRIEDRICH G A/AU
E5 1 FRIEDRICH G ANNE/AU
E6 3 FRIEDRICH G B/AU
E7 4 FRIEDRICH G E/AU
E8 19 FRIEDRICH G H/AU
E9 11 FRIEDRICH G H W/AU
E10 37 FRIEDRICH G J/AU
E11 1 FRIEDRICH G K/AU
E12 1 FRIEDRICH G L/AU

=> s e3

L18 872 "FRIEDRICH G"/AU

=> e zambrowicz b/au

E1 1 ZAMBROWIC B P/AU
E2 1 ZAMBROWICA E B/AU
E3 85 --> ZAMBROWICZ B/AU
E4 4 ZAMBROWICZ B E/AU
E5 76 ZAMBROWICZ B P/AU
E6 1 ZAMBROWICZ BRAIN P/AU
E7 117 ZAMBROWICZ BRIAN/AU
E8 92 ZAMBROWICZ BRIAN P/AU
E9 1 ZAMBROWICZ BRIAN PETER/AU
E10 1 ZAMBROWICZ BRYGIDA E/AU
E11 1 ZAMBROWICZ C/AU
E12 1 ZAMBROWICZ CAROLINE/AU

=> s e3-e8

L19 375 ("ZAMBROWICZ B"/AU OR "ZAMBROWICZ B E"/AU OR "ZAMBROWICZ B P"/AU
OR "ZAMBROWICZ BRAIN P"/AU OR "ZAMBROWICZ BRIAN"/AU OR "ZAMBROW
ICZ BRIAN P"/AU)

=> e sands a t/au

E1 25 SANDS A M/AU
E2 6 SANDS A R/AU
E3 145 --> SANDS A T/AU
E4 1 SANDS A W/AU
E5 1 SANDS ALAN/AU
E6 1 SANDS ALAN R/AU
E7 1 SANDS ALICIA/AU
E8 1 SANDS ALLAN R/AU
E9 2 SANDS AMY/AU
E10 3 SANDS AMY M/AU
E11 5 SANDS ANDREW/AU
E12 5 SANDS ANDREW K/AU

=> s e3

L20 145 "SANDS A T"/AU

=> d his

(FILE 'HOME' ENTERED AT 08:46:27 ON 06 MAY 2005)

FILE 'MEDLINE, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH, HCAPLUS, NTIS,
LIFESCI' ENTERED AT 08:47:01 ON 06 MAY 2005

L1 1313585 S KINASE?
L2 26053 S HUMAN (4W)L1
L3 7058001 S CLON? OR EXPRESS? OR RECOMBINANT
L4 12549 S L2 AND L3
L5 3605752 S PITUITARY OR PROSTATE OR BRAIN OR ADRENAL(A)GLAND
L6 2424206 S SPLEEN OR TRACHEA OR KIDNEY OR TESTIS
L7 1301 S L4 AND L6
L8 1820 S L4 AND L5
L9 2585 S L7 OR L8
L10 16480 S HUMAN (2W)L1
L11 1679 S L9 AND L10
L12 434445 S SERINE OR THREONINE
L13 320 S L11 AND L12
L14 195 DUP REM L13 (125 DUPLICATES REMOVED)
E DONOHO G/AU
L15 156 S E3-E9
E TURNER C A/AU
L16 294 S E3-E9
E NEHLS M C/AU
L17 199 S E3-E8
E FRIEDRICH G/AU
L18 872 S E3
E ZAMBROWICZ B/AU
L19 375 S E3-E8
E SANDS A T/AU
L20 145 S E3

=> s l15 or l16 or l17 or l18 or l19 or l20

L21 1676 L15 OR L16 OR L17 OR L18 OR L19 OR L20

=> s l14 and l21

L22 4 L14 AND L21

=> dup rem l22

PROCESSING COMPLETED FOR L22

L23 4 DUP REM L22 (0 DUPLICATES REMOVED)

=> d 1-4 ibib ab

L23 ANSWER 1 OF 4 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2002:293825 HCAPLUS

DOCUMENT NUMBER: 136:321268

TITLE: Protein and cDNA sequences of **human**
kinase sequence homologs

INVENTOR(S): **Turner, C. Alexander, Jr.**; Mathur, Brian

PATENT ASSIGNEE(S): Lexicon Genetics Incorporated, USA

SOURCE: PCT Int. Appl., 41 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002031129	A2	20020418	WO 2001-US32010	20011011
WO 2002031129	A3	20030206		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL,			

PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG,
 UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
 DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
 BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
 AU 2002013183 A5 20020422 AU 2002-13183 20011011
 US 2002128458 A1 20020912 US 2001-975326 20011011
 US 6476210 B2 20021105
 US 2003023063 A1 20030130 US 2002-217357 20020809
 US 6610537 B2 20030826
 US 2003207319 A1 20031106 US 2003-462887 20030617
 PRIORITY APPLN. INFO.: US 2000-239821P P 20001012
 US 2001-975326 A1 20011011
 WO 2001-US32010 W 20011011
 US 2002-217357 A3 20020809

AB This invention provides protein and cDNA sequences for newly identified human proteins, designated NHPs, which shares substantial sequence homol. with animal kinases, especially **serine-threonine** kinases, calcium/calmodulin-dependent protein kinase, and mitogen activated kinases. NHP gene **expressed** in, inter alia, human cell lines, human fetal and adult **brain, pituitary**, spinal cord, **testis**, adipose, and esophagus cells. In one embodiment, the invention relates to diagnostic assays for detecting diseases associated with inappropriate NHP activity or levels. Also disclosed are methods for utilizing NHP in drug screening assays and in therapy directed against diseases associated with inappropriate NHP activity or levels.

L23 ANSWER 2 OF 4 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2001:618177 HCAPLUS

DOCUMENT NUMBER: 135:191337

TITLE: Protein and cDNA sequences of novel **human kinase** homologs and uses thereof in diagnosis, therapy and drug screening

INVENTOR(S): Walke, D. Wade; Hu, Yi; Nepomnichy, Boris;
Turner, C. Alexander, Jr.; Zambrowicz, Brian

PATENT ASSIGNEE(S): Lexicon Genetics Incorporated, USA

SOURCE: PCT Int. Appl., 70 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001061016	A2	20010823	WO 2001-US5356	20010215
WO 2001061016	A3	20020207		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
CA 2400785	AA	20010823	CA 2001-2400785	20010215
US 2002038011	A1	20020328	US 2001-783320	20010215
EP 1257652	A2	20021120	EP 2001-912839	20010215
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			

JP 2003531577 T2 20031028 JP 2001-559853 20010215
 PRIORITY APPLN. INFO.: US 2000-183582P P 20000218
 US 2000-184014P P 20000222
 WO 2001-US5356 W 20010215

AB This invention provides protein and cDNA sequences for newly identified human proteins, designated NHPs, which shares structural similarity with animal kinases, including cell division control protein kinases, **serine/threonine** protein kinases and membrane-associated guanylate kinases (MAGUKs). The NHPs are novel proteins that are **expressed** in, inter alia, human cell lines and human fetal and adult **brain, pituitary, cerebellum, thymus, spleen, lymph node, bone marrow, trachea, fetal and adult liver, prostate, testis, thyroid, adrenal gland, pancreas, salivary gland, stomach, small intestine, colon, uterus, placenta, mammary gland, adipose, esophagus, bladder, cervix, rectum, pericardium, hypothalamus, ovary, fetal and adult kidney, and fetal lung cells.** In one embodiment, the invention relates to diagnostic assays for detecting diseases associated with inappropriate NHP activity or levels. Also disclosed are methods for utilizing NHP in drug screening assays and in therapy directed against diseases associated with inappropriate NHP activity or levels.

L23 ANSWER 3 OF 4 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2001:435241 HCAPLUS

DOCUMENT NUMBER: 135:41828

TITLE: Protein and cDNA sequences of a novel **human** protein **kinase** homolog and uses thereof in diagnosis, therapy and drug screening

INVENTOR(S): **Donoho, Gregory**; Scoville, John; **Turner, C. Alexander, Jr.**; Friedrich, Glenn; **Zambrowicz, Brian**; Abuin, Alejandro; Sands, Arthur T.

PATENT ASSIGNEE(S): Lexicon Genetics Incorporated, USA

SOURCE: PCT Int. Appl., 31 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001042435	A2	20010614	WO 2000-US33240	20001207
WO 2001042435	A3	20011108		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
CA 2393332	AA	20010614	CA 2000-2393332	20001207
EP 1240187	A2	20020918	EP 2000-989231	20001207
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
US 2003064495	A1	20030403	US 2000-733388	20001207
US 6602698	B2	20030805		
JP 2004504005	T2	20040212	JP 2001-544312	20001207
US 2004014112	A1	20040122	US 2003-446175	20030527
US 6806073	B2	20041019		
US 2005079530	A1	20050414	US 2004-936445	20040908

PRIORITY APPLN. INFO.:

US 1999-169428P P 19991207
US 2000-733388 A1 20001207
WO 2000-US33240 W 20001207
US 2003-446175 A1 20030527

AB This invention provides protein and cDNA sequences for newly identified human proteins, designated NHPs, which shares structural similarity with animal kinases, and particularly calcium/calmodulin-dependant protein kinases and serin/**threonine** protein kinases. The NHP is a novel protein that is **expressed** in, inter alia, human cell lines, **testis, pituitary, fetal brain, thymus, spleen, cerebellum, trachea, thyroid, adrenal gland, fetal kidney, colon, uterus, pancreas and lung** cells. In one embodiment, the invention relates to diagnostic assays for detecting diseases associated with inappropriate NHP activity or levels. Also disclosed are methods for utilizing NHP in drug screening assays and in therapy directed against diseases associated with inappropriate NHP activity or levels.

L23 ANSWER 4 OF 4 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2001:247510 HCAPLUS

DOCUMENT NUMBER: 134:261891

TITLE: Protein and cDNA sequences of **human serine/threonine** protein kinase and uses thereof in diagnosis, therapy and drug screening

INVENTOR(S): **Donoho, Gregory; Turner, C. Alexander, Jr.; Nehls, Michael; Friedrich, Glenn; Zambrowicz, Brian; Sands, Arthur T.**

PATENT ASSIGNEE(S): Lexicon Genetics Incorporated, USA

SOURCE: PCT Int. Appl., 38 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001023579	A1	20010405	WO 2000-US26621	20000927
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
CA 2386213	AA	20010405	CA 2000-2386213	20000927
EP 1220927	A1	20020710	EP 2000-966996	20000927
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL			
JP 2003510082	T2	20030318	JP 2001-526961	20000927
US 6716616	B1	20040406	US 2000-671050	20000927
EP 1484408	A1	20041208	EP 2004-19791	20000927
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY			
US 2005042626	A1	20050224	US 2004-766691	20040128
PRIORITY APPLN. INFO.:			US 1999-156511P P 19990928	
			EP 2000-966996 A3 20000927	
			US 2000-671050 A1 20000927	
			WO 2000-US26621 W 20000927	

AB This invention provides protein and cDNA sequences for newly identified

human proteins, designated NHPs, which shares substantial sequence homol. with animal kinases, and more particular **serine/threonine** protein kinases. While NHP shares sequence homol. with other **serine/threonine** protein kinases, its primary sequence is unique. Its **expression** is detected in various human tissues including **brain, pituitary, spinal cord, spleen, trachea, kidney, prostate, testis, adrenal gland** cells, and gene trapped human cells. In one embodiment, the invention relates to diagnostic assays for detecting diseases associated with inappropriate NHP activity or levels. Also disclosed are methods for utilizing NHP in drug screening assays and in therapy directed against diseases associated with inappropriate

NHP activity or levels.

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d his

(FILE 'HOME' ENTERED AT 08:46:27 ON 06 MAY 2005)

FILE 'MEDLINE, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH, HCAPLUS, NTIS, LIFESCI' ENTERED AT 08:47:01 ON 06 MAY 2005

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L1      1313585 S KINASE?
L2      26053 S HUMAN (4W)L1
L3      7058001 S CLON? OR EXPRESS? OR RECOMBINANT
L4      12549 S L2 AND L3
L5      3605752 S PITUITARY OR PROSTATE OR BRAIN OR ADRENAL(A)GLAND
L6      2424206 S SPLEEN OR TRACHEA OR KIDNEY OR TESTIS
L7      1301 S L4 AND L6
L8      1820 S L4 AND L5
L9      2585 S L7 OR L8
L10     16480 S HUMAN (2W)L1
L11     1679 S L9 AND L10
L12     434445 S SERINE OR THREONINE
L13     320 S L11 AND L12
L14     195 DUP REM L13 (125 DUPLICATES REMOVED)
        E DONOHO G/AU
L15     156 S E3-E9
        E TURNER C A/AU
L16     294 S E3-E9
        E NEHLS M C/AU
L17     199 S E3-E8
        E FRIEDRICH G/AU
L18     872 S E3
        E ZAMBROWICZ B/AU
L19     375 S E3-E8
        E SANDS A T/AU
L20     145 S E3
L21     1676 S L15 OR L16 OR L17 OR L18 OR L19 OR L20
L22     4 S L14 AND L21
L23     4 DUP REM L22 (0 DUPLICATES REMOVED)

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=> s l11 and l21

L24 7 L11 AND L21

=> dup rem l24

PROCESSING COMPLETED FOR L24

L25 7 DUP REM L24 (0 DUPLICATES REMOVED)

=> d 1-7 ibib ab

L25 ANSWER 1 OF 7 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN

ACCESSION NUMBER: 2003-01881 BIOTECHDS

TITLE: Novel polynucleotide encoding human proteins sharing sequence similarity with animal kinases, useful for drug screening, diagnosis, in gene therapy of disorders and diseases e.g. cancer;

recombinant protein production and sense and antisense sequence use in disease therapy and gene therapy

AUTHOR: **TURNER C A**; MATHUR B

PATENT ASSIGNEE: LEXICON GENETICS INC

PATENT INFO: WO 2002059287 1 Aug 2002

APPLICATION INFO: WO 2002-US1818 22 Jan 2002

PRIORITY INFO: US 2001-263378 23 Jan 2001; US 2001-263378 23 Jan 2001

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: WPI: 2002-599780 [64]

AB DERWENT ABSTRACT:

NOVELTY - An isolated nucleic acid molecule (I) comprising a 2007 or 1827 nucleotide sequence, encoding a novel human protein (NHP) comprising a 668 or 608 residue amino acid sequence, given in the specification, is new.

WIDER DISCLOSURE - (1) NHP encoded by (I), that share structural similarity with animal kinases; (2) host cell **expressing** systems comprising (I); (3) antibodies to NHP and anti-idiotypic antibodies; (4) fusion proteins comprising NHP; (5) genetically engineered animals that either lack or over **express** (I); (6) antagonists and agonists of NHP; (7) compounds that modulate the **expression** or activity NHP which can be used for diagnosis, drug screening, clinical trial monitoring, treatment of diseases and disorders, and cosmetic or nutraceutical applications; (8) identifying compounds that modulate, **expression** and/or activity of NHP; (9) degenerate nucleic acid variants of (I); (10) vectors that contain (I); (11) nucleotide sequences e.g. antisense and ribozyme molecules, that inhibit **expression** of (I); and (12) proteins that are functionally equivalent to NHPs.

BIOTECHNOLOGY - Preferred Protein: The NHPs are novel proteins **expressed** in human cell lines and human **brain**, **pituitary**, hypothalamus, adipose, cerebellum, **adrenal gland**, fetal lung and embryo cells.

ACTIVITY - Cytostatic.

MECHANISM OF ACTION - Gene therapy. No supporting data is given.

USE - NHP oligonucleotides are useful as hybridization probes for screening libraries and assessing gene **expression** patterns. NHP sequences are useful to identify mutations associated with a particular disease and also as a diagnostic or prognostic assay, and also in the molecular mutagenesis/evolution of proteins that are at least partially encoded by the NHP sequences. Sequences derived from regions adjacent to the intron/exon boundaries of NHP gene can be used to design primers for use in amplification assays to detect mutations within the exons, splice sites, introns that can be used in diagnostics and pharmacogenomics. NHP sequences are used in microarrays or other assay formats, to screen collections of genetic material from patients who have a particular medical condition. NHP nucleotide sequences are useful for drug screening effective in the treatment of symptomatic or phenotypic manifestations of perturbing the normal function of NHP in the body, and nucleotide constructs encoding NHP products are used to genetically engineer host cells to **express** NHP products in vivo. These genetically engineered cells function as bioreactors in the body delivering a continuous supply of a NHP, a NHP peptide, or a NHP fusion protein to the body. Nucleotide construct encoding NHP products are also useful in gene therapy for modulating NHP **expression** and to produce genetically engineered host cells to **express** NHP products in vivo. The encoded NHP polypeptides are useful for generating antibodies,

as reagents in diagnostic assays, for identifying other cellular gene products related to NHP and as reagents in assays for screening for compounds that are useful in the treatment of mental, biological or medical disorders and diseases including cancer.

EXAMPLE - None given. (40 pages)

L25 ANSWER 2 OF 7 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2002:408781 HCAPLUS

DOCUMENT NUMBER: 137:2411

TITLE: Protein and cDNA sequences of **human kinase** sequence homologs

INVENTOR(S): Friddle, Carl Johan; Hilbun, Erin; Mathur, Brian; **Turner, C. Alexander, Jr.**

PATENT ASSIGNEE(S): Lexicon Genetics Incorporated, USA

SOURCE: PCT Int. Appl., 43 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002042438	A2	20020530	WO 2001-US43825	20011119
WO 2002042438	A3	20020829		
W:				
AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW:				
GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2002028633	A5	20020603	AU 2002-28633	20011119
US 2002110908	A1	20020815	US 2001-992481	20011119
US 6593125	B2	20030715		
US 2003181705	A1	20030925	US 2003-434034	20030508
US 6815188	B2	20041109		
US 2005089907	A1	20050428	US 2004-948842	20040923
PRIORITY APPLN. INFO.:			US 2000-252011P	P 20001120
			US 2001-992481	A1 20011119
			WO 2001-US43825	W 20011119
			US 2003-434034	A3 20030508

AB This invention provides protein and cDNA sequences for newly identified human proteins, designated NHPs, which shares substantial sequence homol. with animal kinases, especially NEK family kinases and calcium/calmodulin-dependent protein kinase. NEK family kinase homolog gene, which has been mapped on human chromosome 17, is **expressed** in, inter alia, human cell lines and **pituitary**, thymus, **spleen**, lymph node, bone marrow, **trachea**, **kidney**, **prostate**, **testis**, thyroid, **adrenal gland**, pancreas, salivary gland, stomach, small intestine, skeletal muscle, heart, uterus, placenta, adipose, skin, bladder, rectum, pericardium, ovary, fetal **kidney**, fetal lung, gallbladder, tongue, aorta, 6-, 9-, and 12-wk embryos, adenocarcinoma, osteosarcoma, and embryonic carcinoma cells. Calcium/calmodulin-dependent protein kinase homolog gene, which has been mapped on human chromosome 3, is predominantly **expressed** in fetal **brain**, **brain**, spinal cord, thymus, lymph node, **trachea**, lung, **prostate**, **testis**, thyroid, **adrenal gland**, stomach, small intestine, skeletal muscle, uterus, placenta, mammary gland, skin, bladder, pericardium, hypothalamus, fetal **kidney**, fetal lung, tongue, aorta, 6-, 9-,

and 12-wk embryos, and embryonic carcinoma cells. In one embodiment, the invention relates to diagnostic assays for detecting diseases associated with

inappropriate NHP activity or levels. Also disclosed are methods for utilizing NHP in drug screening assays and in therapy directed against diseases associated with inappropriate NHP activity or levels.

L25 ANSWER 3 OF 7 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2002:293825 HCAPLUS
DOCUMENT NUMBER: 136:321268
TITLE: Protein and cDNA sequences of **human kinase** sequence homologs
INVENTOR(S): **Turner, C. Alexander, Jr.**; Mathur, Brian
PATENT ASSIGNEE(S): Lexicon Genetics Incorporated, USA
SOURCE: PCT Int. Appl., 41 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002031129	A2	20020418	WO 2001-US32010	20011011
WO 2002031129	A3	20030206		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
AU 2002013183	A5	20020422	AU 2002-13183	20011011
US 2002128458	A1	20020912	US 2001-975326	20011011
US 6476210	B2	20021105		
US 2003023063	A1	20030130	US 2002-217357	20020809
US 6610537	B2	20030826		
US 2003207319	A1	20031106	US 2003-462887	20030617
PRIORITY APPLN. INFO.:			US 2000-239821P	P 20001012
			US 2001-975326	A1 20011011
			WO 2001-US32010	W 20011011
			US 2002-217357	A3 20020809

AB This invention provides protein and cDNA sequences for newly identified human proteins, designated NHPs, which shares substantial sequence homol. with animal kinases, especially serine-threonine kinases, calcium/calmodulin-dependent protein kinase, and mitogen activated kinases. NHP gene **expressed** in, inter alia, human cell lines, human fetal and adult **brain, pituitary, spinal cord, testis, adipose, and esophagus cells.** In one embodiment, the invention relates to diagnostic assays for detecting diseases associated with inappropriate NHP activity or levels. Also disclosed are methods for utilizing NHP in drug screening assays and in therapy directed against diseases associated with inappropriate NHP activity or levels.

L25 ANSWER 4 OF 7 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2001:676960 HCAPLUS
DOCUMENT NUMBER: 135:237660
TITLE: Protein and cDNA sequences of novel **human kinase** interacting protein homologs and uses thereof in diagnosis, therapy and drug screening

INVENTOR(S): Mathur, Brian; Turner, C. Alexander, Jr.
 PATENT ASSIGNEE(S): Lexicon Genetics Incorporated, USA
 SOURCE: PCT Int. Appl., 32 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001066760	A2	20010913	WO 2001-US7499	20010308
WO 2001066760	A3	20020530		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG CA 2401971 AA 20010913 CA 2001-2401971 20010308 US 2002082406 A1 20020627 US 2001-802116 20010308 EP 1343901 A2 20030917 EP 2001-918467 20010308 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR JP 2004519203 T2 20040702 JP 2001-565914 20010308 PRIORITY APPLN. INFO.: US 2000-187719P P 20000308 WO 2001-US7499 W 20010308				

AB This invention provides protein and cDNA sequences for newly identified human proteins, designated NHPs, which shares structural similarity with mammalian sugar and sodium-dependent inorg. phosphate kinase interacting proteins, and NBMPR-sensitive nucleoside kinase interacting proteins. The NHPs are novel proteins that are **expressed** in, inter alia, human cell lines and human fetal and adult **brain, pituitary, cerebellum, spinal cord, thymus, spleen, lymph node, bone marrow, trachea, fetal and adult kidney, liver, prostate, testis, thyroid, adrenal gland, salivary gland, stomach, small intestine, colon, adipose, rectum, pericardium, hypothalamus, cervix, bladder, esophagus, skin, mammary gland, placenta, uterus, skeletal muscle, pancreas, fetal lung, and ovary cells.** In one embodiment, the invention relates to diagnostic assays for detecting diseases associated with inappropriate NHP activity or levels. Also disclosed are methods for utilizing NHP in drug screening assays and in therapy directed against diseases associated with inappropriate NHP activity or levels.

L25 ANSWER 5 OF 7 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2001:618177 HCAPLUS

DOCUMENT NUMBER: 135:191337

TITLE: Protein and cDNA sequences of novel **human kinase** homologs and uses thereof in diagnosis, therapy and drug screening

INVENTOR(S): Walke, D. Wade; Hu, Yi; Nepomnichy, Boris;
 Turner, C. Alexander, Jr.; Zambrowicz, Brian

PATENT ASSIGNEE(S): Lexicon Genetics Incorporated, USA

SOURCE: PCT Int. Appl., 70 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001061016	A2	20010823	WO 2001-US5356	20010215
WO 2001061016	A3	20020207		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
CA 2400785	AA	20010823	CA 2001-2400785	20010215
US 2002038011	A1	20020328	US 2001-783320	20010215
EP 1257652	A2	20021120	EP 2001-912839	20010215
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
JP 2003531577	T2	20031028	JP 2001-559853	20010215
PRIORITY APPLN. INFO.:			US 2000-183582P	P 20000218
			US 2000-184014P	P 20000222
			WO 2001-US5356	W 20010215

AB This invention provides protein and cDNA sequences for newly identified human proteins, designated NHPs, which shares structural similarity with animal kinases, including cell division control protein kinases, serine/threonine protein kinases and membrane-associated guanylate kinases (MAGUKs). The NHPs are novel proteins that are **expressed** in, inter alia, human cell lines and human fetal and adult **brain**, **pituitary**, cerebellum, thymus, **spleen**, lymph node, bone marrow, **trachea**, fetal and adult liver, **prostate**, **testis**, thyroid, **adrenal gland**, pancreas, salivary gland, stomach, small intestine, colon, uterus, placenta, mammary gland, adipose, esophagus, bladder, cervix, rectum, pericardium, hypothalamus, ovary, fetal and adult **kidney**, and fetal lung cells. In one embodiment, the invention relates to diagnostic assays for detecting diseases associated with inappropriate NHP activity or levels. Also disclosed are methods for utilizing NHP in drug screening assays and in therapy directed against diseases associated with inappropriate NHP activity or levels.

L25 ANSWER 6 OF 7 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2001:435241 HCAPLUS

DOCUMENT NUMBER: 135:41828

TITLE: Protein and cDNA sequences of a novel **human** protein **kinase** homolog and uses thereof in diagnosis, therapy and drug screening

INVENTOR(S): **Donoho, Gregory**; Scoville, John; **Turner, C. Alexander, Jr.**; Friedrich, Glenn; **Zambrowicz, Brian**; Abuin, Alejandro; Sands, Arthur T.

PATENT ASSIGNEE(S): Lexicon Genetics Incorporated, USA

SOURCE: PCT Int. Appl., 31 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2001042435	A2	20010614	WO 2000-US33240	20001207
WO 2001042435	A3	20011108		
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SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU,				
ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,				
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,				
BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2393332	AA	20010614	CA 2000-2393332	20001207
EP 1240187	A2	20020918	EP 2000-989231	20001207
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
US 2003064495	A1	20030403	US 2000-733388	20001207
US 6602698	B2	20030805		
JP 2004504005	T2	20040212	JP 2001-544312	20001207
US 2004014112	A1	20040122	US 2003-446175	20030527
US 6806073	B2	20041019		
US 2005079530	A1	20050414	US 2004-936445	20040908
PRIORITY APPLN. INFO.:				
			US 1999-169428P	P 19991207
			US 2000-733388	A1 20001207
			WO 2000-US33240	W 20001207
			US 2003-446175	A1 20030527

AB This invention provides protein and cDNA sequences for newly identified human proteins, designated NHPs, which shares structural similarity with animal kinases, and particularly calcium/calmodulin-dependant protein kinases and serin/threonine protein kinases. The NHP is a novel protein that is **expressed** in, inter alia, human cell lines, **testis, pituitary, fetal brain, thymus, spleen, cerebellum, trachea, thyroid, adrenal gland, fetal kidney, colon, uterus, pancreas and lung cells.** In one embodiment, the invention relates to diagnostic assays for detecting diseases associated with inappropriate NHP activity or levels. Also disclosed are methods for utilizing NHP in drug screening assays and in therapy directed against diseases associated with inappropriate NHP activity or levels.

L25 ANSWER 7 OF 7 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2001:247510 HCAPLUS

DOCUMENT NUMBER: 134:261891

TITLE: Protein and cDNA sequences of **human** serine/threonine protein **kinase** and uses thereof in diagnosis, therapy and drug screening

INVENTOR(S): **Donoho, Gregory; Turner, C. Alexander, Jr.; Nehls, Michael; Friedrich, Glenn; Zambrowicz, Brian; Sands, Arthur T.**

PATENT ASSIGNEE(S): Lexicon Genetics Incorporated, USA

SOURCE: PCT Int. Appl., 38 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001023579	A1	20010405	WO 2000-US26621	20000927
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,				
CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,				
HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,				
LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU,				

SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU,
 ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
 DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ,
 CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

CA 2386213	AA	20010405	CA 2000-2386213	20000927
EP 1220927	A1	20020710	EP 2000-966996	20000927
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
JP 2003510082	T2	20030318	JP 2001-526961	20000927
US 6716616	B1	20040406	US 2000-671050	20000927
EP 1484408	A1	20041208	EP 2004-19791	20000927
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY				
US 2005042626	A1	20050224	US 2004-766691	20040128

PRIORITY APPLN. INFO.:
 US 1999-156511P P 19990928
 EP 2000-966996 A3 20000927
 US 2000-671050 A1 20000927
 WO 2000-US26621 W 20000927

AB This invention provides protein and cDNA sequences for newly identified human proteins, designated NHPs, which shares substantial sequence homol. with animal kinases, and more particular serine/threonine protein kinases. While NHP shares sequence homol. with other serine/threonine protein kinases, its primary sequence is unique. Its **expression** is detected in various human tissues including **brain, pituitary, spinal cord, spleen, trachea, kidney, prostate, testis, adrenal gland** cells, and gene trapped human cells. In one embodiment, the invention relates to diagnostic assays for detecting diseases associated with inappropriate NHP activity or levels. Also disclosed are methods for utilizing NHP in drug screening assays and in therapy directed against diseases associated with inappropriate NHP activity or levels.

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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(FILE 'HOME' ENTERED AT 08:46:27 ON 06 MAY 2005)

FILE 'MEDLINE, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH, HCAPLUS, NTIS, LIFESCI' ENTERED AT 08:47:01 ON 06 MAY 2005

L1 1313585 S KINASE?
 L2 26053 S HUMAN (4W)L1
 L3 7058001 S CLON? OR EXPRESS? OR RECOMBINANT
 L4 12549 S L2 AND L3
 L5 3605752 S PITUITARY OR PROSTATE OR BRAIN OR ADRENAL(A)GLAND
 L6 2424206 S SPLEEN OR TRACHEA OR KIDNEY OR TESTIS
 L7 1301 S L4 AND L6
 L8 1820 S L4 AND L5
 L9 2585 S L7 OR L8
 L10 16480 S HUMAN (2W)L1
 L11 1679 S L9 AND L10
 L12 434445 S SERINE OR THREONINE
 L13 320 S L11 AND L12
 L14 195 DUP REM L13 (125 DUPLICATES REMOVED)
 E DONOHO G/AU
 L15 156 S E3-E9
 E TURNER C A/AU
 L16 294 S E3-E9
 E NEHLS M C/AU
 L17 199 S E3-E8

L18	E FRIEDRICH G/AU
	872 S E3
	E ZAMBROWICZ B/AU
L19	375 S E3-E8
	E SANDS A T/AU
L20	145 S E3
L21	1676 S L15 OR L16 OR L17 OR L18 OR L19 OR L20
L22	4 S L14 AND L21
L23	4 DUP REM L22 (0 DUPLICATES REMOVED)
L24	7 S L11 AND L21
L25	7 DUP REM L24 (0 DUPLICATES REMOVED)

	Issue Date	Pages	Document ID	Title
1	20050407	107	US 20050074793 A1	Metastatic colorectal cancer signatures
2	20050324	83	US 20050064544 A1	69583 and 85924 Novel human protein kinase family members and uses therefor
3	20050324	78	US 20050063974 A1	TTK in diagnosis and as a therapeutic target in cancer
4	20050317	31	US 20050059733 A1	Anti-inflammatory and psoriasis treatment and protein kinase inhibition by hydroxy stilbenes and novel stilbene derivatives and analogues
5	20050317	78	US 20050059630 A1	TTK in diagnosis and as a therapeutic target in cancer
6	20050317	78	US 20050058627 A1	TTK in diagnosis and as a therapeutic target in cancer
7	20050310	81	US 20050053938 A1	Regulation of human serine/threonine protein kinase

	Issue Date	Pages	Document ID	Title
8	20050217	85	US 20050037946 A1	Methods and compositions for treating cardiovascular disease using 1722, 10280, 59917, 85553, 10653, 9235, 21668, 17794, 2210, 6169, 10102, 21061, 17662, 1468, 12282, 6350, 9035, 1820, 23652, 7301, 8925, 8701, 3533, 9462, 9123, 12788, 17729, 65552, 1261, 21476, 33770, 9380, 2569654, 33556, 53656, 44143, 32612, 10671, 261, 44570, 41922, 2552, 2417, 19319, 43969, 8921, 8993, 955, 32345, 966, 1920, 17318, 1510, 14180, 26005, 554, 16408, 42028, 112091, 13886, 13942, 1673, 54946 or 2419
9	20050217	81	US 20050037445 A1	Oncology drug innovation
10	20050210	88	US 20050032794 A1	Diamine derivatives of quinone and uses thereof
11	20050210	38	US 20050032146 A1	Tssk4: a human testis specific serine/threonine kinase
12	20050210	27	US 20050032065 A1	Methods of prognosis of prostate cancer
13	20050127	44	US 20050019821 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
14	20041230	26	US 20040265961 A1	Novel proteins homologous to kinase suppressor of Ras

	Issue Date	Pages	Document ID	Title
15	20041216	78	US 20040253669 A1	Regulation of human dcamk11-like serine/threonine protein kinase
16	20041209	34	US 20040248286 A1	Nucleic acid molecules that are differentially regulated in a bipolar disorder and uses thereof
17	20041209	91	US 20040248168 A1	Novel brain-localized protein kinases homologous to homeodomain-interacting protein kinases
18	20041209	21	US 20040247527 A1	Multifunctional photodynamic agents for treating of disease
19	20041202	75	US 20040241796 A1	Regulation of human nek-like serine/threonine protein kinase
20	20041202	678	US 20040241653 A1	Methods for identifying marker genes for cancer
21	20040923	25	US 20040185474 A1	Method of diagnosing depression
22	20040909	85	US 20040175751 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
23	20040812	87	US 20040156854 A1	Methods for the identification, assessment, and treatment of patients with proteasome inhibition therapy
24	20040729	41	US 20040146463 A1	Functional MRI agents for cancer imaging
25	20040722	85	US 20040142354 A1	Peptides and proteins for early liver development and antibodies thereto

	Issue Date	Pages	Document ID	Title
26	20040715	67	US 20040137593 A1	Regulation of human serine/threonine protein kinase-like protein
27	20040715	111	US 20040137499 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
28	20040701	320	US 20040126861 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
29	20040527	84	US 20040101874 A1	Targets for therapeutic intervention identified in the mitochondrial proteome
30	20040527	45	US 20040101818 A1	Gene expression profiles associated with osteoblast differentiation
31	20040527	35	US 20040101529 A1	REGULATION OF HUMAN SERINE-THREONINE PROTEIN KINASE
32	20040513	78	US 20040092469 A1	Androgen-regulated PMEPA1 gene and polypeptides
33	20040513	207	US 20040091993 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
34	20040513	42	US 20040091992 A1	PAK4 - related antibodies
35	20040506	267	US 20040088746 A1	Apoptosis-inducing dna sequences
36	20040506	179	US 20040086913 A1	Human genes and gene expression products XVI
37	20040422	55	US 20040077049 A1	Regulation of human weel-like serine/threonine protein kinase

	Issue Date	Pages	Document ID	Title
38	20040422	253	US 20040076955 A1	Methods of diagnosis of bladder cancer, compositions and methods of screening for modulators of bladder cancer
39	20040415	74	US 20040072207 A1	Nucleic acids encoding a mammalian raptor polypeptide and uses therefor
40	20040415	337	US 20040072160 A1	Molecular toxicology modeling
41	20040325	82	US 20040058325 A1	Gene expression in biological conditions
42	20040318	243	US 20040053248 A1	Novel nucleic acids and polypeptides
43	20040318	287	US 20040053245 A1	Novel nucleic acids and polypeptides
44	20040318	108	US 20040052777 A1	Kringle polypeptides and methods for using them to inhibit angiogenesis
45	20040311	152	US 20040048310 A1	Novel human protein kinases and protein kinase-like enzymes
46	20040311	267	US 20040048249 A1	Novel nucleic acids and secreted polypeptides
47	20040304	184	US 20040043466 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
48	20040304	66	US 20040043375 A1	Regulation of human serine-threonine protein kinase
49	20040226	259	US 20040038207 A1	Gene expression in bladder tumors

	Issue Date	Pages	Document ID	Title
50	20040219	49	US 20040033517 A1	Compositions and methods relating to endothelial cell signaling using the protease activated receptor (PAR1)
51	20040219	324	US 20040033495 A1	Methods of diagnosis of angiogenesis, compositions and methods of screening for angiogenesis modulators
52	20040212	24	US 20040030112 A1	Human testis specific serine/threonine kinase 3
53	20040212	277	US 20040029216 A1	Proteins, polynucleotides encoding them and methods of using the same
54	20040212	570	US 20040029114 A1	Methods of diagnosis of breast cancer, compositions and methods of screening for modulators of breast cancer
55	20040205	141	US 20040023276 A1	LXR-ligand induced genes and proteins
56	20040205	71	US 20040023231 A1	System for identifying and analyzing expression of are-containing genes
57	20040129	111	US 20040018513 A1	Classification and prognosis prediction of acute lymphoblastic leukemia by gene expression profiling
58	20040122	146	US 20040014040 A1	Cardiotoxin molecular toxicology modeling
59	20040115	73	US 20040010136 A1	Composition for the detection of signaling pathway gene expression

	Issue Date	Pages	Document ID	Title
60	20040115	484	US 20040009479 A1	Methods and compositions for diagnosing or monitoring auto immune and chronic inflammatory diseases
61	20040108	94	US 20040005644 A1	Method and composition for detection and treatment of breast cancer
62	20040108	52	US 20040005612 A1	Endometrial genes in endometrial disorders
63	20040108	41	US 20040005603 A1	Gene shinc-3 and diagnostic and therapeutic uses thereof
64	20040108	345	US 20040005563 A1	Methods of diagnosis of ovarian cancer, compositions and methods of screening for modulators of ovarian cancer
65	20040108	165	US 20040005560 A1	Novel full-length cDNA
66	20040108	64	US 20040005559 A1	Markers of neuronal differentiation and morphogenesis
67	20040101	106	US 20040002067 A1	Breast cancer progression signatures
68	20031225	222	US 20030235820 A1	Novel methods of diagnosis of metastatic colorectal cancer, compositions and methods of screening for modulators of metastatic colorectal cancer
69	20031218	111	US 20030232408 A1	ISOLATED HUMAN KINASE PROTEINS

70	20031211	122	US 20030228595 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
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	Issue Date	Pages	Document ID	Title
71	20031211	206	US 20030228570 A1	Methods of diagnosis of Hepatitis C infection, compositions and methods of screening for modulators of Hepatitis C infection
72	20031204	36	US 20030225023 A1	Gene SHINC-2 and diagnostic and therapeutic uses thereof
73	20031204	23	US 20030224440 A1	Human VNO cDNA libraries
74	20031127	113	US 20030219862 A1	Novel compounds
75	20031120	30	US 20030215835 A1	Differentially-regulated prostate cancer genes
76	20031120	107	US 20030215803 A1	Human genes and gene expression products isolated from human prostate
77	20031113	23	US 20030211563 A1	Human testis specific serine/threonine kinase 1 & 2
78	20031113	136	US 20030211093 A1	Human kinases
79	20031106	128	US 20030207311 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
80	20031023	179	US 20030198953 A1	Novel proteins and nucleic acids encoding same
81	20030925	8	US 20030181351 A1	Spatial learning and memory
82	20030918	23	US 20030176375 A1	Method of treating anemia
83	20030918	259	US 20030175771 A1	Human Transcriptomes

	Issue Date	Pages	Document ID	Title
84	20030911	14	US 20030171429 A1	Anti-inflammatory and psoriasis treatment and protein kinase inhibition by hydroxylstilbenes and novel stilbene derivatives and analogues
85	20030911	155	US 20030171267 A1	Albumin fusion proteins
86	20030911	61	US 20030170713 A1	Method of detecting androgen-regulated gene
87	20030904	85	US 20030166215 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
88	20030904	17	US 20030166025 A1	Antiproliferative Sgk reagents and methods
89	20030904	60	US 20030165809 A1	MARKs as modifiers of the p53 pathway and methods of use
90	20030821	53	US 20030157554 A1	Protein-protein complexes and methods of using same
91	20030814	278	US 20030154032 A1	Methods and compositions for diagnosing and treating rheumatoid arthritis
92	20030807	64	US 20030149997 A1	Diagnostics and therapeutics for arterial wall disruptive disorders
93	20030731	44	US 20030143690 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
94	20030717	46	US 20030134324 A1	Identifying drugs for and diagnosis of Benign Prostatic Hyperplasia using gene expression profiles

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95	20030717	28	US 20030134283 A1	Genes regulated in dendritic cell differentiation
96	20030717	62	US 20030134280 A1	Identifying drugs for and diagnosis of benign prostatic hyperplasia using gene expression profiles
97	20030703	64	US 20030124579 A1	Methods of diagnosis of ovarian cancer, compositions and methods of screening for modulators of ovarian cancer
98	20030626	80	US 20030119720 A1	Oligopeptide treatment of anthrax
99	20030619	77	US 20030113733 A1	Gene regulator
100	20030612	32	US 20030108890 A1	In silico screening for phenotype-associated expressed sequences
101	20030612	41	US 20030108871 A1	Genes expressed in treated human C3A liver cell cultures
102	20030605	21	US 20030104457 A1	Method and device for detecting and monitoring alcoholism and related diseases using microarrays
103	20030605	54	US 20030104393 A1	Blood assessment of injury
104	20030522	27	US 20030096782 A1	Expression profiling in the intact human heart
105	20030515	41	US 20030092028 A1	Methods and Reagents For Diagnosis and Treatment of Insulin Resistance and Related Condition
106	20030501	214	US 20030082724 A1	Compositions affecting programmed cell death and their use in the modification of plant development

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107	20030424	77	US 20030077697 A1	Novel serine/threonine protein-kinase like proteins and nucleic acids encoding the same
108	20030417	55	US 20030072794 A1	Encapsulation of plasmid DNA (lipogenes.TM.) and therapeutic agents with nuclear localization signal/fusogenic peptide conjugates into targeted liposome complexes
109	20030327	54	US 20030059918 A1	Regulation of human serine/threonine protein kinase
110	20030313	214	US 20030049804 A1	Corynebacterium glutamicum genes encoding metabolic pathway proteins
111	20030313	81	US 20030049795 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
112	20030306	79	US 20030045491 A1	TTK in diagnosis and as a therapeutic target in cancer
113	20030227	122	US 20030040089 A1	Protein-protein interactions in adipocyte cells
114	20030227	48	US 20030039658 A1	MCEF, a novel transcription factor
115	20030220	24	US 20030036526 A1	Leptin-mediated gene-induction
116	20030206	185	US 20030027307 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
117	20030130	207	US 20030022340 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof

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118	20030130	41	US 20030022232 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
119	20030130	32	US 20030021750 A1	Novel functional agents for magnetic resonance imaging
120	20030123	139	US 20030017167 A1	Compositions and methods for the therapy and diagnosis of colon cancer
121	20021128	69	US 20020177205 A1	Mammalian alpha-kinase proteins, nucleic acids and diagnostic and therapeutic uses thereof
122	20021121	100	US 20020173461 A1	Methods for enhancing the efficacy of cancer therapy
123	20021114	17	US 20020168670 A1	Identification of disease predictive nucleic acids
124	20021024	22	US 20020155444 A1	Human VNO cDNA libraries
125	20020919	184	US 20020132322 A1	ISOLATED HUMAN KINASE PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES THEREOF
126	20020912	174	US 20020127683 A1	ISOLATED HUMAN KINASE PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES THEREOF
127	20020829	45	US 20020119929 A1	Can1 and its role in mammalian infertility
128	20020627	320	US 20020082189 A1	ISOLATED HUMAN SERINE/THREONINE KINASE NUCLEIC ACID MOLECULES ENCODING HUMAN SERINE/THREONINE KINASE AND USES THEREOF

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129	20020620	38	US 20020076735 A1	Diagnostic and therapeutic methods using molecules differentially expressed in cancer cells
130	20020606	41	US 20020068287 A1	Methods of identifying integrin ligands using differential gene expression
131	20020530	44	US 20020064843 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
132	20020404	135	US 20020040127 A1	Compositions and methods for the therapy and diagnosis of colon cancer
133	20020131	22	US 20020012927 A1	Nucleic acid sequences associated with aging, particularly skin aging
134	20020124	57	US 20020009730 A1	Human stress array
135	20011122	19	US 20010044103 A1	Methods for the diagnosis and prognosis of acute leukemias
136	20050419	136	US 6881547 B1	Methods and reagents for treating autoimmune disorders
137	20050405	75	US 6875757 B2	LPA receptor agonists and antagonists and methods of use
138	20050111	10	US 6841348 B1	Methods for identifying and using maintenance genes
139	20041123	179	US 6821765 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
140	20040831	93	US 6783969 B1	Cathepsin V-like polypeptides
141	20040622	65	US 6753314 B1	Protein-protein complexes and methods of using same

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142	20040525	81	US 6740513 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
143	20040427	38	US 6727066 B2	Genes expressed in treated human C3A liver cell cultures
144	20040316	434	US 6706867 B1	DNA array sequence selection
145	20040316	106	US 6706511 B2	Isolated human kinase proteins
146	20040217	66	US 6692948 B2	Isolated human kinase proteins
147	20040217	20	US 6692744 B2	Betaglycan as an inhibin receptor and uses thereof
148	20040217	13	US 6692743 B1	Apoptosis of naive human NK cells by crosslinking of their Fc.gamma.RIIa molecules with a rat IgG2b (LO-CD2a/BTI-322) or its IgG1 humanized monoclonal antibody
149	20040203	60	US 6686147 B1	Cancer associated antigens and uses therefor
150	20040120	202	US 6680188 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
151	20040106	141	US 6673549 B1	Genes expressed in C3A liver cell cultures treated with steroids
152	20040106	31	US 6673333 B1	Functional MRI agents for cancer imaging
153	20031223	41	US 6667168 B1	PAK4, a novel gene encoding a serine/threonine kinase
154	20031125	180	US 6653117 B2	Isolated human kinase proteins

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155	20031104	82	US 6642362 B1	Genes coding proteins for early liver development and their use in diagnosing and treating liver disease
156	20031028	78	US 6638745 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
157	20030819	50	US 6607879 B1	Compositions for the detection of blood cell and immunological response gene expression
158	20030708	66	US 6589733 B1	Methods of preparing compositions comprising chemicals capable of transcriptional modulators
159	20030701	95	US 6586185 B2	Use of polypeptides or nucleic acids for the diagnosis or treatment of skin disorders and wound healing and for the identification of pharmacologically active substances
160	20030520	58	US 6566130 B1	Androgen-regulated gene expressed in prostate tissue
161	20030429	41	US 6555352 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
162	20030408	25	US 6544741 B1	Sequence specific and sequence non-specific methods and materials for cDNA normalization and subtraction
163	20030225	10	US 6524787 B1	Diagnostics and therapy based on vascular mimicry

164	20030128	80	US 6511800 B1	Methods of treating nitric oxide and cytokine mediated disorders
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165	20021231	65	US 6500938 B1	Composition for the detection of signaling pathway gene expression
166	20021210	107	US 6492156 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
167	20021210	180	US 6492155 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
168	20021119	46	US 6482935 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
169	20021112	202	US 6479269 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
170	20020924	66	US 6455250 B1	Endonuclease compositions and methods of use
171	20020917	17	US 6451524 B1	Identification of disease predictive nucleic acids
172	20020730	35	US 6426221 B1	Antisense modulation of RIP2 expression
173	20020709	18	US 6416759 B1	Antiproliferative Sgk reagents and methods
174	20020611	82	US 6403353 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
175	20020319	21	US 6358694 B1	Methods of identifying modulators of a prostaglandin receptor
176	20020122	88	US 6340583 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof

177	20020101	227	US 6335170 B1	Gene expression in bladder tumors
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178	20011218	87	US 6331396 B1	Arrays for identifying agents which mimic or inhibit the activity of interferons
179	20011127	21	US 6323318 B1	Human protein kinases hYAK3-2
180	20011009	30	US 6300098 B1	Human signal transduction serine/threonine kinase
181	20001226	19	US 6165766 A	Human protein kinases hYAK3
182	20000411	43	US 6048706 A	Human PAK65
183	20000307	30	US 6034228 A	Human signal transduction serine/threonine kinase
184	20000111	39	US 6013500 A	PAK4, a novel gene encoding a serine/threonine kinase
185	20000111	43	US 6013464 A	Human PAK65
186	19991026	28	US 5972676 A	Diagnosis and treatment of AUR-1 and/or AUR-2 related disorders
187	19991012	20	US 5965420 A	Human protein kinases hYAK3
188	19991005	28	US 5962312 A	Diagnosis and treatment of AUR-1 and/or AUR-2 related disorders
189	19991005	51	US 5962265 A	Human signal transduction serine/threonine kinase
190	19990921	71	US 5955594 A	Nucleic acids encoding proteins for early liver development
191	19990209	19	US 5869281 A	DNA encoding prostaglandin receptor FP
192	19981124	19	US 5840847 A	Purified prostaglandin receptor FP
193	19981006	30	US 5817479 A	Human kinase homologs
194	19971216	42	US 5698445 A	Human PAK65
195	19971216	42	US 5698428 A	Human PAK65

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196	19970225	43	US 5605825 A	Human PAK65
197	19960521	43	US 5518911 A	Human PAK65

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1	20050217	81	US 20050037445 A1	Oncology drug innovation
2	20050210	27	US 20050032065 A1	Methods of prognosis of prostate cancer
3	20040422	253	US 20040076955 A1	Methods of diagnosis of bladder cancer, compositions and methods of screening for modulators of bladder cancer
4	20040318	243	US 20040053248 A1	Novel nucleic acids and polypeptides
5	20040318	287	US 20040053245 A1	Novel nucleic acids and polypeptides
6	20040311	267	US 20040048249 A1	Novel nucleic acids and secreted polypeptides
7	20030911	155	US 20030171267 A1	Albumin fusion proteins
8	20030227	122	US 20030040089 A1	Protein-protein interactions in adipocyte cells
9	20020829	45	US 20020119929 A1	Can1 and its role in mammalian infertility
10	20050419	136	US 6881547 B1	Methods and reagents for treating autoimmune disorders
11	20040831	93	US 6783969 B1	Cathepsin V-like polypeptides

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1	20050505	81	US 20050096282 A1	Adeno-associated virus-delivered ribozyme compositions and methods for the treatment of retinal diseases
2	20050428	18	US 20050089907 A1	Novel human kinases and polynucleotides encoding the same
3	20050414	13	US 20050079530 A1	Novel human kinase proteins and polynucleotides encoding the same
4	20050310	12	US 20050054844 A1	Novel human kinase protein and polynucleotides encoding the same
5	20050224	27	US 20050043233 A1	Combinations for the treatment of diseases involving cell proliferation, migration or apoptosis of myeloma cells or angiogenesis
6	20050224	17	US 20050042626 A1	Novel human kinase proteins and polynucleotides encoding the same
7	20050217	264	US 20050038243 A1	2, 4-pyrimidinediamine compounds and their uses
8	20050217	81	US 20050037445 A1	Oncology drug innovation
9	20050210	69	US 20050032734 A1	Vectors and methods for immunization or therapeutic protocols
10	20050120	56	US 20050014207 A1	Monoclonal antibody hPAM4
11	20050106	28	US 20050004017 A1	Methods and compositions for treating hcap associated diseases

12	20041230	12	US 20040266797 A1	Use of potent, selective and non toxic c-kit inhibitors for treating tumor angiogenesis
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13	20041209	247	US 20040248256 A1	Secreted proteins and polynucleotides encoding them
14	20041202	101	US 20040241845 A1	Mammalian staufer and use thereof
15	20041104	168	US 20040219515 A1	BIOINFORMATICAALLY DETECTABLE GROUP OF NOVEL HIV REGULATORY GENES AND USES THEREOF
16	20041007	39	US 20040197930 A1	Proteomic analysis of biological fluids
17	20040923	69	US 20040186067 A1	Vectors and methods for immunization or therapeutic protocols
18	20040916	20	US 20040180416 A1	Novel human kinases and polynucleotides encoding the same
19	20040909	61	US 20040176282 A1	Cellular delivery and activation of polypeptide-nucleic acid complexes
20	20040819	62	US 20040161827 A1	Insect p53 tumor suppressor genes and proteins
21	20040819	65	US 20040161765 A1	Methods and compositions for identifying disease genes using nonsense-mediated decay inhibition
22	20040729	58	US 20040146879 A1	Novel human genes and gene expression products
23	20040715	35	US 20040137572 A1	Compositions and methods for generating conditional knockouts
24	20040708	190	US 20040132679 A1	Induction of pancreatic islet formation
25	20040617	20	US 20040115693 A1	Novel human kinase proteins and polynucleotides encoding the same

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26	20040610	113	US 20040110939 A1	Complementary DNAs encoding proteins with signal peptides
27	20040520	61	US 20040097409 A1	Compositions and methods for inhibiting human immunodeficiency virus infection by down-regulating human cellular genes
28	20040325	144	US 20040058892 A1	Novel heteroaromatic inhibitors of fructose 1,6-bisphosphatase
29	20040325	46	US 20040057902 A1	Monoclonal antibody cPAM4
30	20040318	287	US 20040053245 A1	Novel nucleic acids and polypeptides
31	20040311	267	US 20040048249 A1	Novel nucleic acids and secreted polypeptides
32	20040304	38	US 20040045043 A1	Compositions and methods for generating conditional knockouts
33	20040226	9	US 20040038882 A1	Sgk2 and sgk3 used as diagnostic and therapeutic targets
34	20040212	256	US 20040029902 A1	2,4-Pyrimidinediamine compounds and their uses
35	20040122	14	US 20040014112 A1	Novel human kinase proteins and polynucleotides encoding the same
36	20040101	23	US 20040002534 A1	Methods of modulating c-kit tyrosine protein kinase function with indolinone compounds
37	20031211	50	US 20030229043 A1	Compositions and methods for inhibiting human immunodeficiency virus infection by down-regulating human cellular genes
38	20031204	16	US 20030225259 A1	Novel human kinase and polynucleotides encoding the same

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39	20031204	78	US 20030225257 A1	Novel human kinases and polynucleotides encoding the same
40	20031106	74	US 20030208057 A1	Mammalian genes modulated during fasting and feeding
41	20031106	17	US 20030207319 A1	Novel human kinases and polynucleotides encoding the same
42	20031023	65	US 20030199469 A1	Combination of bryostatin and paclitaxel for treating cancer
43	20031002	160	US 20030186863 A1	Nck SH3 binding peptides
44	20030925	18	US 20030181705 A1	Novel human kinases and polynucleotides encoding the same
45	20030911	32	US 20030171569 A1	Human tumor suppressor gene
46	20030904	20	US 20030166889 A1	Novel human kinases and polynucleotides encoding the same
47	20030904	142	US 20030166615 A1	Protein kinase and phosphatase inhibitors and methods for designing them
48	20030828	57	US 20030162277 A1	Calcium/calmodulin-dependent kinase
49	20030731	269	US 20030144490 A1	Extended cDNAs for secreted proteins
50	20030529	80	US 20030100071 A1	Vaccine and compositions for the prevention and treatment of neisserial infections
51	20030522	274	US 20030097666 A1	Novel human genes and gene expression products:II
52	20030501	59	US 20030082620 A1	Novel human genes and gene expression products: II

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53	20030403	171	US 20030065156 A1	Novel human genes and gene expression products I
54	20030403	14	US 20030064495 A1	Novel human kinase proteins and polynucleotides encoding the same
55	20030306	30	US 20030045697 A1	Regulatable growth of filamentous fungi
56	20030227	122	US 20030040089 A1	Protein-protein interactions in adipocyte cells
57	20030130	17	US 20030023063 A1	Novel human kinases and polynucleotides encoding the same
58	20030102	14	US 20030004328 A1	Novel human G-coupled protein receptor kinases and polynucleotides encoding the same
59	20021114	345	US 20020168711 A1	Nucleic acids, proteins, and antibodies
60	20021031	78	US 20020161213 A1	Novel human kinases and polynucleotides encoding the same
61	20021003	50	US 20020144298 A1	Novel human genes and gene expression products
62	20020926	16	US 20020137913 A1	Novel human kinases and polynucleotides encoding the same
63	20020912	17	US 20020128458 A1	Novel human kinases and polynucleotides encoding the same
64	20020829	66	US 20020119942 A1	Packaging systems for human recombinant adenovirus to be used in gene therapy
65	20020829	39	US 20020119546 A1	Squalene synthesis enzymes

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66	20020815	242	US 20020111471 A1	Compositions and methods for diagnosing and treating conditions, disorders, or diseases involving cell death
67	20020815	18	US 20020110908 A1	Novel human kinases and polynucleotides encoding the same
68	20020808	16	US 20020107384 A1	Novel human kinase and polynucleotides encoding the same
69	20020725	25	US 20020098166 A1	GENETICALLY MODIFIED CELLS AND THEIR USE IN THE PROPHYLAXIS OR THERAPY OF DISORDERS
70	20020627	10	US 20020082406 A1	Novel human kinase interacting protein and polynucleotides encoding the same
71	20020627	20	US 20020081600 A1	Novel human kinase proteins and polynucleotides encoding the same
72	20020411	14	US 20020042503 A1	Novel human G-coupled protein receptor kinases and polynucleotides encoding the same
73	20020404	66	US 20020040014 A1	Novel aryl fructose-1,6-Bisphosphatase inhibitors
74	20020328	54	US 20020038011 A1	Novel human kinases and polynucleotides encoding the same
75	20020328	12	US 20020038009 A1	Novel human kinase protein and polynucleotides encoding the same
76	20020321	37	US 20020035240 A1	Novel mammalian cell cycle protein
77	20020321	50	US 20020034758 A1	Novel human genes and gene expressions products: II

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78	20020124	24	US 20020010203 A1	Methods of modulating c-kit tyrosine protein kinase function with indolinone compounds
79	20010802	64	US 20010011076 A1	COMBINATIONS OF PKC INHIBITORS AND THERAPEUTIC AGENTS FOR TREATING CANCERS
80	20050222	31	US 6858419 B1	Human kinases and polynucleotides encoding the same, and uses thereof
81	20050215	37	US 6856914 B1	Method, apparatus, media and signals for identifying associated cell signaling proteins
82	20050201	16	US 6849443 B2	Human kinases and polynucleotides encoding the same
83	20050104	15	US 6838275 B2	Human G-coupled protein receptor kinases and polynucleotides encoding the same
84	20041123	67	US 6821957 B2	Vectors and methods for immunization or therapeutic protocols
85	20041109	18	US 6815188 B2	Human kinases and polynucleotides encoding the same
86	20041019	14	US 6806073 B2	Human kinase proteins and polynucleotides encoding the same
87	20041012	16	US 6803221 B2	Human kinase and polynucleotides encoding the same
88	20040817	20	US 6777545 B2	Human kinases and polynucleotides encoding the same
89	20040713	58	US 6762291 B1	Insect p53 tumor suppressor genes and proteins
90	20040706	27	US 6759410 B1	3,4-dihydro-(1H)-quinazolin-2-ones and their use as CSBP/p38 kinase inhibitors
91	20040706	54	US 6759223 B2	Calcium/calmodulin-dependent kinase

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92	20040608	13	US 6746861 B2	Human kinase protein and polynucleotides encoding the same
93	20040413	13	US 6720173 B1	Human kinase protein and polynucleotides encoding the same
94	20040406	18	US 6716616 B1	Human kinase proteins and polynucleotides encoding the same
95	20040106	44	US 6673903 B2	Mammalian cell cycle protein
96	20031104	30	US 6642367 B2	Process for the synthesis of 2'-O-substituted pyrimidines and oligomeric compounds therefrom
97	20030909	20	US 6617147 B2	Human kinase proteins and polynucleotides encoding the same
98	20030902	62	US 6613506 B1	Compositions and methods for inhibiting human immunodeficiency virus infection by down-regulating human cellular genes
99	20030826	17	US 6610537 B2	Human kinases and polynucleotides encoding the same
100	20030805	14	US 6602698 B2	Human kinase proteins and polynucleotides encoding the same
101	20030715	16	US 6593126 B2	Human kinase and polynucleotides encoding the same
102	20030715	18	US 6593125 B2	Human kinases and polynucleotides encoding the same
103	20030617	75	US 6579710 B2	Human kinases and polynucleotides encoding the same
104	20030603	249	US 6573068 B1	Claudin-50 protein
105	20030401	11	US 6541252 B1	Human kinases and polynucleotides encoding the same

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106	20030325	31	US 6537972 B1	Compositions and methods for inhibiting human immunodeficiency virus infection by down-regulating human cellular genes
107	20030318	12	US 6534655 B1	Indeno[1,2-C]pyrazole derivatives for inhibiting tyrosine kinase activity
108	20030218	71	US 6521412 B1	HsReq*1 and HsReq*2 proteins and use thereof to detect CDK2
109	20030204	54	US 6514719 B1	Methods for identifying compounds that alter kinase activity
110	20030128	27	US 6511840 B1	Human kinase proteins and polynucleotides encoding the same
111	20021203	129	US 6489476 B1	Heteroaromatic compounds containing a phosphonate group that are inhibitors of fructose-1,6-bisphosphatase
112	20021105	17	US 6476210 B2	Human kinases and polynucleotides encoding the same
113	20020903	59	US 6444638 B2	Combinations of PKC inhibitors and therapeutic agents for treating cancers
114	20020903	15	US 6444456 B1	Human G-coupled protein receptor kinases and polynucleotides encoding the same
115	20020813	153	US 6432920 B1	Nck SH3 binding peptides
116	20020611	23	US 6403859 B1	Vitamin B metabolism proteins
117	20020604	72	US 6399782 B1	Benzimidazole inhibitors of fructose 1,6-bisphosphatase
118	20020521	34	US 6392013 B1	Redirection of cellular immunity by protein tyrosine kinase chimeras

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119	20020101	26	US 6335185 B1	Bacteriophage vectors generated by bacteriophage/plasmid recombination
120	20011002	36	US 6297238 B1	Therapeutic agents
121	20010925	52	US 6294672 B1	Indole and azaindole inhibitors of Fructose-1,6-biphosphatase
122	20010918	43	US 6291642 B1	Mammalian cell cycle protein
123	20010904	52	US 6284748 B1	Purine inhibitors of fructose 1,6-bisphosphatase
124	20010821	234	US 6277974 B1	Compositions and methods for diagnosing and treating conditions, disorders, or diseases involving cell death
125	20010717	259	US 6262334 B1	Human genes and expression products: II
126	20010717	381	US 6262333 B1	Human genes and gene expression products
127	20010424	31	US 6222025 B1	Process for the synthesis of 2'-O-substituted pyrimidines and oligomeric compounds therefrom
128	20010417	71	US 6218146 B1	MTS2 gene
129	20010403	80	US 6210949 B1	Mouse MTS2 gene
130	20010403	100	US 6210654 B1	Jak kinases and regulation of cytokine signal transduction
131	20010206	151	US 6184205 B1	GRB2 SH3 binding peptides and methods of isolating and using same
132	20010130	71	US 6180776 B1	MTS2 gene
133	20001031	71	US 6140473 A	Antibodies specific for MTS2 Polypeptide

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134	20001024	100	US 6136595 A	Jak kinases and regulations of cytokine signal transduction
135	20000829	75	US 6110903 A	Benzimidazole inhibitors of fructose 1,6-bisphosphatase
136	20000718	72	US 6090578 A	MTS1 gene
137	20000509	71	US 6060301 A	Vector containing MTS1E1.beta. gene
138	20000425	51	US 6054587 A	Indole and azaindole inhibitors of fructose-1,6-bisphosphatase
139	20000321	84	US 6040149 A	Assay for identifying agents which act on the ceramide-activated protein kinase, kinase suppressor of ras, and methods of using said agents
140	20000314	72	US 6037462 A	MTS1 gene mutations
141	20000307	44	US 6033856 A	Promoter of the cdc25B gene, its preparation and use
142	20000104	37	US 6010853 A	Siva genes, novel genes involved in CD27-mediated apoptosis
143	19991123	74	US 5989815 A	Methods for detecting predisposition to cancer at the MTS gene
144	19991116	69	US 5986055 A	CDK2 interactions
145	19991109	46	US 5981248 A	Mammalian cell death preventing kinase, DPK
146	19990119	23	US 5861493 A	Process for the synthesis of 2'-O-substituted pyrimidines
147	19981013	37	US 5821072 A	Combinations of PKC inhibitors and therapeutic agents for treating cancers

	Issue Date	Pages	Document ID	Title
148	19980901	73	US 5801236 A	Probes for MTS1 gene and polynucleotides encoding mutant MTS1 genes
149	19980602	23	US 5760202 A	Process for the synthesis of 2'-O-substituted pyrimidines
150	19980505	33	US 5747288 A	Protein kinase required for Ras signal transduction
151	19980505	33	US 5747275 A	Protein kinase required for RAS signal transduction
152	19980317	77	US 5728536 A	Jak kinases and regulation of Cytokine signal transduction
153	19971223	33	US 5700675 A	Protein kinase required for Ras signal transduction
154	19970429	73	US 5624819 A	Germline mutations in the MTS gene
155	19970128	43	US 5597719 A	Interaction of RAF-1 and 14-3-3 proteins
156	19960910	18	US 5554529 A	Cell lines and methods for assaying human interchromosomal recombination
157	19950808	19	US 5439819 A	Chimeric protein tyrosine kinases
158	19950711	8	US 5432076 A	Alteration of the interaction of a T-cell receptor with a protein-tyrosine kinase
159	19940628	72	US 5324731 A	Method of inhibiting transformation of cells in which purine metabolic enzyme activity is elevated
160	19931005	9	US 5250431 A	Alteration of the interaction of a T-cell receptor with a proteintyrosine kinase

	L #	Hits	Search Text
1	L1	58942	kinase\$2
2	L2	48018 1	human
3	L3	19106	l1 same l2
4	L4	72874 0	clon\$3 or express\$3 or recombinant
5	L5	11095	l3 same l4
6	L6	11281 8	pituitary or prostate or brain or (adrenal adj gland\$2)
7	L7	96068	spleen or trachea or kidney or testis
8	L8	1829	l5 same l6
9	L9	1312	l5 same l7
10	L10	60135	serine or threonine
11	L11	197	l9 same l10
12	L12	2390	human adj3 l1
13	L13	103	l11 and l12
14	L14	82144	DONOHO TURNER NEHLS FRIEDRICH ZAMBROWICZ SANDS
15	L15	11	l11 and l14
16	L16	160	l12 and l14